



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

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MEMORANDUM

SUBJECT: **Chlorpyrifos.** Acute Dietary Risk Assessment for Chlorpyrifos, Revised after Public Comments; Chemical No. 59101; DP Barcode D263890

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Background/Action Requested

Update the October 14, 1999 acute dietary exposure assessment for chlorpyrifos (D. Soderberg, 10/14/99, "Revised Acute Dietary Risk Estimate for Chlorpyrifos," D260164) to reflect comments from the public, additional data, and changes in dietary exposure policies.

Executive Summary

HED has previously conducted highly refined acute probabilistic dietary exposure assessments which incorporated USDA Pesticide Data Program (PDP), FDA Surveillance Monitoring Program and/or DowAgroSciences (DAS) National Food Survey (NFS) market basket data (D. Soderberg, October 14, 1999, "Revised Acute Dietary Risk Estimate for Chlorpyrifos," DP Barcode D260164). Additional revisions and updates to the acute dietary exposure assessments are presented in this memorandum. Revisions include: addition of PDP monitoring data for single apples; use of more NFS data; recent changes in Agency policy; incorporation of processing factors from open literature sources; updated percent of crop treated information; and appropriate changes as suggested by public comments.

DAS has completed a market basket survey of chlorpyrifos residues in different foods in their National Food Survey (NFS), conducted from Fall 1993 to Fall 1994. NFS residue data were used in the current assessment for milk, orange juice, applesauce, apple juice, ground beef, pork sausage, and peanut butter.

NFS data on fresh tomatoes were submitted. However, only 54 samples were collected and all samples were from Florida. More extensive and recent data for fresh tomatoes are available from PDP (881 samples, collected in 1996 and 1997). PDP monitoring data also reflect the use of chlorpyrifos on imported fresh tomatoes (a significant source of fresh tomatoes). Therefore the PDP fresh tomato residue data were used exclusively in all analyses. For commercially processed tomato commodities, PDP data were also used, but the portion of the data obtained from Florida grown tomatoes and from imported tomatoes was excluded, as these tomatoes are not used for processing. Appropriate processing residue reduction factors were incorporated for catsup, and tomato juice, puree, and paste.

DAS also submitted NFS data on fresh apples. Composite apple samples (six apples per sample) were analyzed in the NFS study. PDP data are now available both for samples consisting of single apples (from 1999) and for composite apple samples (1994-1997). Use of each of these three data sets for fresh apples leads to a different exposure estimate. In the interest of transparency, the dietary exposure analysis has been performed three times, keeping all other commodities the same, but separately incorporating each of the three different apple data sets (PDP data for single apples, PDP "decomposed" apple data, and NFS "decomposed" apple data) in a different analysis.

At the 99.9th percentile exposure, risk estimates based on the PDP single apple data, the decomposed PDP apple data, and/or the decomposed NFS apple data, were greater than 100% of the acute Population Adjusted Dose for the following population subgroups: all infants less than one-year old; children 1-6 years old; and children 7-12 years old. Children 1-6 years old were the most highly exposed population subgroup, regardless of which data set is used for fresh apples. For children 1-6 years old, risk estimates ranged from 176% to 364% of the aPAD depending on which fresh apple data set was used. Use of PDP's 1999 single apple data resulted in the highest exposure estimates. Use of the

decomposed NFS fresh apple data resulted in the lowest exposure estimates.

Because the PDP single apple data are the most recent and do not require decomposing, these data are expected to provide the most reliable exposure and risk estimates. However, no matter which of the three data sets is used for fresh apples, the critical exposure commodity (CEC) analysis indicated that residues on fresh apples were the major contributor to dietary exposure estimates for children 1-6 years old at the 99.9th percentile exposure. Residues on whole tomatoes and grapes were the next major contributors to exposure.

The tables below summarize the acute dietary exposure and risk estimates at the 99.9th percentile for the US Population and other sub-populations under these different exposure scenarios.

Table 1. Exposure and risk estimates for acute dietary exposures at the 99.9th percentile. This analysis used PDP single apple monitoring data from 1999 for fresh apples.

Population Subgroup	Exposure and Risk Estimates	
	Exposure (mg/kg/day)	% aPAD ^a
US Population	0.000798	16
All Infants less than 1 year old	0.000700	140
Children 1-6 years old	0.001822	364
Children 7-12 years old	0.001335	267
Females 13-50 years old	0.000631	126
Males 13-19 years old	0.000502	10
Males 20+ years old	0.000587	12
Seniors (55+ years old)	0.000654	13

^aThe acute population adjusted dose (aPAD) is 0.0005 mg/kg/day for all females, infants and children. It is 0.005 mg/kg/day for all other sub-populations

Table 2. Exposure and risk estimates for acute dietary exposures at the 99.9th percentile. This analysis is identical to that presented in Table 1, except it used “decomposed” PDP monitoring results for apples collected from 1994-1997 for fresh apples.

Population Subgroup	Exposure and Risk Estimates	
	Exposure (mg/kg/day)	% aPAD ^a
US Population	0.000604	12
All Infants less than 1 year old	0.000586	117
Children 1-6 years old	0.001236	252
Children 7-12 years old	0.000916	183
Females 13-50 years old	0.000480	96
Males 13-19 years old	0.000375	7.5
Males 20+ years old	0.000459	9.2
Seniors (55+ years old)	0.000528	11

^aThe acute population adjusted dose (aPAD) is 0.0005 mg/kg/day for all females, infants and children. It is 0.005 mg/kg/day for all other sub-populations.

Table 3. Exposure and risk estimates for acute dietary exposures at the 99.9th percentile when DAS’s NFS market basket data (decomposed) for apples are incorporated (Fall 1993-Fall 1994) for fresh apples.

Population Subgroup	Exposure and Risk Estimates	
	Exposure (mg/kg/day)	% aPAD ^a
US Population	0.000455	9.1
All Infants less than 1 year old	0.000547	109
Children 1-6 years old	0.000879	176
Children 7-12 years old	0.000582	116
Females 13-50 years old	0.000374	75
Males 13-19 years old	0.000287	5.7
Males 20+ years old	0.000360	7.2
Seniors (55+ years old)	0.000407	8.1

^aThe acute population adjusted dose (aPAD) is 0.0005 mg/kg/day for all females, infants and children. It is 0.005 mg/kg/day for all other sub-populations.

Detailed Considerations

Toxicological Information

The acute dietary RfD of 0.005 mg/kg/day is based on a no-observed adverse effect level (NOAEL) of 0.5 mg/kg/day from an acute oral rat study that observed 28-40% plasma cholinesterase (ChE) inhibition 3-6 hours after dosing male rats with a single dose of 1 mg/kg/day. A 10x interspecies uncertainty factor and a 10x intraspecies uncertainty factor were applied to the NOAEL to calculate the aRfD (D. Smegal, 4/10/00, "Chlorpyrifos - Hazard Identification Based on Animal Studies, Report of the Hazard Identification Assessment Review Committee"). An acute dietary risk assessment is required for all population subgroups.

The FQPA Safety Factor Committee determined that the 10X FQPA factor should be retained for the population subgroups women and children. For all other populations subgroups, the FQPA factor is 1X. The factor is to be applied to both acute and chronic dietary exposures and to residential exposures (B. Tarplee, 4/4/00, "Chlorpyrifos - Report of the FQPA Safety Factor Committee, PC Code: 059101").

A Population Adjusted Dose (PAD) is an RfD modified by the FQPA factor. For women and children, the aPAD for chlorpyrifos is 0.0005 mg/kg/day (acute RfD of 0.005 mg/kg/day / FQPA 10X factor). For all other population subgroups, the aPAD for chlorpyrifos is 0.005 mg/kg/day (acute RfD of 0.005 mg/kg/day / FQPA 1X factor).

The dose and toxicological endpoint selected for the acute dietary exposure risk assessment is summarized below in Table 4.

Table 4. Summary of Acute Dietary Toxicology Endpoint Selection

EXPOSURE SCENARIO	DOSE (mg/kg/day)	ENDPOINT	STUDY
Acute Dietary	NOAEL=0.5 UF ^a = 100 FQPA safety factor = 10X for females and children 1X for all other populations	plasma cholinesterase inhibition at peak time of inhibition (3-6 hours post exposure) at 1 mg/kg (LOAEL).	Blood Time Course Study
	<p style="text-align: center;">Acute RfD =0.005 mg/kg/day Acute PAD=0.0005 mg/kg/day for women and children Acute PAD=0.005 mg/kg/day for all other population subgroups</p>		

^a UF = Uncertainty Factor (10x interspecies extrapolation and 10x intraspecies variation)

Residue Information

Chlorpyrifos is a widely used insecticide that was listed by the National Academy of Sciences in Chapter 6 of their 1993 report, *Pesticides in the Diets of Infants and Children*, as one of the pesticides most often found in foods most frequently consumed by infants and children. Chlorpyrifos has tolerances on a large number of commodities. There are over 100 tolerances in

40 CFR 180.342. Tolerances for chlorpyrifos are being reassessed as part of reregistration. In particular, the metabolite 3,5,6-trichloro-2-pyridinol (TCP) will be removed from the tolerance expression, and only the parent chlorpyrifos will remain.

General Discussion of Monitoring and Field Trial Data

The USDA PDP program is generally considered to be the preferred source for monitoring data because sampling is conducted according to a statistical protocol, samples are collected at the wholesale level, and commodities are prepared according to typical consumer practices prior to analysis (i.e., washing, peeling, etc.). In this exposure assessment, USDA PDP monitoring results from 1994 - 1997 were used. Results from 1998 have recently been released, but were not available while most of this assessment was done. Therefore 1998 data has only been used qualitatively. Very recent data from 1999, only on analyses of single apples, were made available expressly for this exposure assessment, and these are the single apple data that were incorporated. The PDP data on residues of chlorpyrifos in single apples and single pears were of special importance because they can be used without decompositing. For all samples analyzed by PDP, the value for half of the limit of detection (LOD) was calculated from the average LOD across all samples with non-detectable residues in all laboratories.

When FDA Surveillance Monitoring Program results were used, data were from the years 1992 - 1997. Because, for a given commodity, FDA data may be limited for any given year, results are generally combined from all years. Except for cases where imported commodities are significant contributors to dietary exposure, only FDA results for domestic surveillance samples were used. This approach was taken because the FDA program generally samples imported commodities disproportionately to their prevalence in the US marketplace. For all samples analyzed by the FDA Surveillance Monitoring program, the $\frac{1}{2}$ LOD and $\frac{1}{2}$ the limit of quantitation (LOQ) are taken from the memorandum by S. Hummel, 2/26/99, "LOQs for FDA Monitoring Data". That memo provides an estimate of $\frac{1}{2}$ LOD = 0.00015 ppm and $\frac{1}{2}$ LOQ = 0.0005 ppm for chlorpyrifos in all commodities.

FDA Total Diet Study (TDS) data are also available for chlorpyrifos. The TDS analyzes foods purchased at supermarkets and prepared (washed and/or cooked) according to standard consumer practices. The TDS analyzes approximately 264 foods. FDA personnel purchase foods from supermarkets or grocery stores four times per year, one from each of four geographic regions of the country. Each collection, referred to as a Market Basket (MB), is a composite of like foods purchased in three cities in a given region. The foods are prepared for consumption, i.e., as they will be eaten, and then analyzed. Before analysis, the three individual portions are combined. Per Agency practice, HED did not use TDS results quantitatively in this dietary exposure assessment, but rather used them qualitatively to support or interpret other monitoring data. From 1991 to 1997 a total of 18 Market Basket surveys have been conducted. Results for chlorpyrifos are summarized in Attachment 1.

Field trial data were used to calculate acute anticipated residues for field corn, soybeans, cottonseed, sunflowers, and five tree nuts. Tolerance level residues were assumed for figs and

mint. Although PDP collected monitoring data for soybeans in 1997, the sample collection was not considered sufficiently representative for use in risk assessment. Soybean sample collection was stopped at 159 samples because of funding constraints (plans were for 600 samples to be collected). Residue data for cranberries were provided by the Cranberry Institute. These data were submitted to the Agency, reviewed, and accepted (D. Soderberg, 11/10/99, D258918) before being incorporated into the analysis.

DowAgroSciences Chlorpyrifos National Food Survey

At their own initiative, DAS conducted a market basket survey in 1993 to better determine the dietary exposure of consumers to chlorpyrifos. The results of this survey have been reviewed by HED (L. Cheng, 5/19/98, D217707). Samples of fresh apple, applesauce, apple juice, orange juice, peanut butter, whole milk, ground beef and pork sausage were collected from grocery stores located in the 48 contiguous states in a year-long period; for fresh tomatoes, sampling was conducted in Florida only over a period of 9 months, because the use of chlorpyrifos was restricted to Florida at the time of sampling. Except for tomatoes, approximately 200 samples were collected for each commodity. The nine food items were selected because of their significant contributions to dietary exposure in general (and in infants and children), and the potential for high residues based on modes of application (therefore excluding seed treatment of beans, dormant uses, use in food handling establishments), and the percentage of the crops that are treated with this insecticide. The apple and tomato samples were composite samples of six apples in each apple sample and four tomatoes in each tomato sample analyzed. The collection of food items was conducted at the retail level and the retail outlets were selected using a national database containing more than 95,000 supermarkets, superettes and convenience stores.

Usage Data

Estimates of percent crop treated were supplied in a memo from BEAD dated 3/17/00 (Kiely, T. Quantitative Usage Analysis for Chlorpyrifos, PC Code: 59101). BEAD has additionally supplied several supplemental and refined estimates electronically (Kiely, T. Chlorpyrifos in mushrooms 5/12/99; Kiely T. Re: Chlorpyrifos Percent Crop Treated, 4/26/99; Kiely, T. Chlorpyrifos in Imported Bananas, 4/7/99; Kiely, T. Re: Fresh Sweet Corn vs. Canned Sweet Corn, 4/28/99). Unless explicitly stated otherwise, the references cited to BEAD results all refer to Kiely, T. Quantitative Usage for Chlorpyrifos, PC Code: 59101, 3/17/00.

Consumption Information

The acute risk assessment module of version 6.77 of DEEM™ was used for this risk assessment. Human consumption of the various commodities was estimated from the 1989 - 1992 USDA *Continuing Surveys of Food Intake by Individuals*.

Uncertainties of Exposure Estimates

This assessment is the most refined assessment performed by HED to date. However, some

uncertainties associated with this exposure estimate remain and are listed below.

- PDP has detected residues in a number of commodities for which no chlorpyrifos tolerances have been established. Examples include spinach, squash, and carrots. The residue data for these commodities are summarized in Table 5 below. Residues were also detected in celery (4 samples in 1994, 0.005 - 0.045 ppm), potatoes (1 sample in 1994, 0.024 ppm), and lettuce (1 sample in 1994 at 0.01 ppm). These residues may represent misuse of chlorpyrifos or they may have resulted from spray drift. However, because these violations have repeatedly occurred over the years, excluding them may under-represent potential dietary exposure, especially for infants and children. A separate dietary exposure analysis was conducted that included these violative residues.

Table 5. Commodities which do not have chlorpyrifos tolerances established, but PDP monitoring has detected residues.

Commodity	Year	# Samples with Detections	% Samples with detections	Minimum Residue Detected (ppm)	Maximum Residue Detected (ppm)
Carrots	1994	2	0.3	0.005	0.005
	1995	6	0.9	0.005	0.019
	1996	7	1.4	0.005	0.074
Spinach	1995	46	7.5	0.005	0.11
	1996	26	5.0	0.003	0.030
	1997	11	2.1	0.005	0.026
	1998 (canned)	4	0.6	0.007	0.014
Squash	1997	4	1.8	0.005	0.005
	1998	6	1.1	0.005	0.022

The FDA Total Diet Study also contains data indicating that chlorpyrifos residues in/on spinach may occur. In the 18 surveys conducted from 1991 to 1997, measurable chlorpyrifos residues (ranging from 0.0009 to 0.004 ppm) have been found on cooked (boiled) spinach in 10 surveys.

-Results in the FDA Total Diet Study (see Attachment 1) indicate that the anticipated residues for turnips (translated from sweet potatoes) and Brussels sprouts (translated from broccoli) used in this assessment may underestimate exposure. Total Diet Study results cannot be used quantitatively in dietary exposure assessments.

- The consumption database used in the dietary exposure analysis (Continuing Survey of Food Intake by Individuals (CSFII), 1989-1992) has a limited number of individuals in the age group infants less than one year old. The USDA is currently conducting the Supplemental Children's

Survey (approximately 5000 children).

- From the empirical distribution of residues found on PDP composited samples, the “Allender” decomposition procedure (applied here to fresh, whole, non-blended commodities) derives a theoretical distribution of residues predicted to be on single items of produce. This theoretical distribution is believed to be conservative compared to the true distribution of residues on the items within those composites.
- The dietary exposure analyses relied primarily on monitoring data obtained either “at the farmgate” in the case of FDA or in regional distribution warehouses for PDP data. The NFS results are for samples obtained at supermarkets, but only represent one year of data. Roadside produce stands, farmer’s markets and similar outlets are not represented in the analyses. FDA TDS results are for foods purchased at supermarkets and prepared (washed and/or cooked) according to standard consumer practices.
- Potential exposure to chlorpyrifos residues from consumption of fish was not addressed. No tolerances for fish are currently established. In 1992, the EPA Office of Water (OW) published a report (EPA 1992) that summarized chlorpyrifos residues found in freshwater fish. The primary focus of the study was monitoring for dioxin/furan in fish. However, chlorpyrifos residues were detected in 26% of the 388 sites tested, with median, mean, and maximum concentrations of non-detect, 4.09 ppb, and 344 ppb respectively. This study indicated that consumption of freshwater fish could contribute to dietary exposure to chlorpyrifos.
- Residues on food items potentially resulting from the food handling establishment use of chlorpyrifos were not addressed in this acute assessment, per current HED policy. It should be noted that no detectable residues of chlorpyrifos were measured on food items when food handling establishments were treated according to label directions.
- Residue estimates for kiwi were based on FDA monitoring data, with an estimated 103 kiwi/20 pound sample, and kiwi results were decomposed prior to being used in the dietary exposure analysis. The decomposing procedure was originally developed to correct PDP data, with about 12 - 20 fruits/5 pound sample. Thus, the decomposing of kiwi uses a very large correction factor, and may overestimate residues.

Specific Residue Information Used In Exposure Assessment

The Dietary Exposure Assessment was performed using version 6.77 of DEEM™. DEEM™ (Dietary Exposure Evaluation Model) is a software program that is a product of Novigen Sciences, Inc. and has been accepted by EPA for performing dietary exposure analysis.

Apples, Fresh

BEAD estimated a maximum of 53% crop treated for apples.

In 1999 PDP collected data on residues of chlorpyrifos on single apples. A total of 377 single apple samples were analyzed. Of these, 75 (20%) had measurable chlorpyrifos residues, ranging from 0.005 to 0.54 ppm. In an acute exposure analysis, results of analyses on single items of produce for a non-blended food are generally preferable to analyses of composite samples because they can be used without decompositing. Based on 53% crop treated, a Residue Data File (RDF) was created with the 75 measured residues, 125 samples at $\frac{1}{2}$ LOD, and 177 zeros.

During 1994 - 1997, PDP also collected a total of 1908 composite apple samples, of which 425 samples (22%) had measurable chlorpyrifos residues, ranging from the $\frac{1}{2}$ LOD for each laboratory (average 0.0026 ppm) to 0.4 ppm. Because fresh apples are considered to be a non-blended commodity, these results were decomposed using the Allender method (Allender, H. "Use of the Pesticide Data program (PDP) in Acute Dietary Assessment", August 1998) to construct a Residue Data File (RDF). The samples were assumed to be composites of 15 apples, based upon a 5 lb sample weight and an average, medium sized apple weight of 150 g (*USDA Handbook Number 8, Composition of Foods, Raw, Processed, Prepared*). The 425 positive samples were decomposed into 1000 results per the Allender procedure. Because BEAD reported that 53% of the apple crop was treated with chlorpyrifos, the RDF consisted of 2108 zeros, 1378 values at the weighted average $\frac{1}{2}$ LOD of 0.00257 ppm, and 1000 theoretical residues.

DAS also submitted a market basket survey for fresh apples. All samples were collected from Fall 1993 - Fall 1994. There were 200 samples in this survey. A total of 68 samples (34%) had measurable chlorpyrifos residues, ranging from the LOD of 0.001 to 0.052 ppm. Because the samples in the NFS were composites of six apples each, these data were decomposed by the Allender method. This yielded an RDF of 2899 zeros, 536 at $\frac{1}{2}$ LOD (0.001 ppm) and 1000 theoretical residues.

Other programs have also analyzed fresh apples for chlorpyrifos. The FDA Surveillance Monitoring Program analyzed 1152 fresh apples between 1993 - 1998. FDA found 151 (13%) samples with measurable residues, ranging from 0.0005 ppm to 0.31 ppm. FDA Data are summarized below:

<u>Year</u>	<u>Samples</u>	<u># Detections</u>	<u>% Detects</u>	Average Detect <u>(ppm)</u>	Maximum Residue <u>(ppm)</u>
1998	219	29	13	0.005	0.23
1997	193	18	9	0.005	0.25
1996	195	35	18	0.004	0.10
1995	178	24	13	0.004	0.10
1994	77	7	9	0.007	0.31
1993	290	38	13	0.004	0.18

FDA Total Diet Study (TDS) data are also available for chlorpyrifos. Measurable residues of chlorpyrifos (> 0.001 ppm) were found in fresh apples for 14 of the 18 TDS surveys conducted from 1991 to 1997. Residues ranged from less than 0.001 ppm to 0.103 ppm, with a mean value of 0.012 ppm. Samples analyzed in the TDS are purchased at grocery stores and prepared according to standard consumer practices prior to analysis (in the case of apples this means washing). For fresh apples, TDS samples represent very large composite samples in that commodities (generally 20 pounds) are purchased in three cities for a given geographical location, and then are combined (resulting in a 60 lb composite sample).

BEAD supplied additional information concerning maximum percent crop treated, as broken out for the years 1994-1998. These estimates are as follows: 1994- 38%, 1995 - 58%, 1996- 50%, 1997 - 56%, and 1998 - 53 %.

Peeling Factor for Apples (Pome Fruits)

As noted in the Residue Chemistry Chapter (1/25/84) of the Chlorpyrifos Registration Standard, data submitted in conjunction with PP#6F1777, 9F2221, and 1F2620 demonstrate that the majority of chlorpyrifos residues are found on the peel of apples. In summary, four freshly harvested samples containing 2.2 ppm to 4.6 ppm chlorpyrifos (average 3.4 ppm) were peeled and chlorpyrifos was determined in the peels and the peeled apples. Peeled apples contained from 0.22 to 0.55 ppm chlorpyrifos. Removed peels contained 13 to 20 ppm chlorpyrifos. Based on the average level of chlorpyrifos in whole apples and the upper-end residue found on peeled apples, a reduction factor of 0.15x for peeling can be applied to whole cooked apples (where they are expected to be peeled). This peeling factor is also supported by information on a study for a PhD dissertation submitted in comments from Michigan State University. (El-Hadidi, M.F., *Studies on pesticide residues in fresh and processed apple fruits under certain developed pest control programs*, PhD Dissertation, Department of Economic Entomology, Faculty of agriculture, Cairo university, Egypt). This peeling reduction factor was also translated to pears, kiwi and canned sweet potatoes. The factor was applied to all fresh cooked apple food forms except "Apples, boiled" (for which see apple sauce below).

Apples - Frozen and Dried

For these partially blended apple food forms, the PDP data were used to create an RDF (#60) with 897 zeros, 586 at $\frac{1}{2}$ LOD of 0.00257 ppm and 425 positive findings. The partially blended RDF for the NFS market basket survey of apples was 94 samples at zero, 38 at $\frac{1}{2}$ LOD of 0.001 ppm and 68 measured residues.

There is a single dried apple food form, (food form number 52-18) in DEEMTM under fresh apples that is considered to be a blended commodity. This is not the same as the "apples, dried" food forms (food form numbers 53-13, 53-14, 53-18, 53-42), which are partially blended. Because this 52-18 food form, "fresh apples, dried" is considered to be blended, a single point estimate was calculated as an average of the partially blended Residue Data File (RDF) at 0.00656 ppm and

includes the default DEEM™ processing factor of 8.0 and peeling reduction factor of 0.15X.

Apple Sauce and Canned Apples

NFS data were used for apple sauce. Apple sauce, per se, is not a food form listed in DEEM™. After consultation with Novigen, the marketers of DEEM, it has been determined that the food form "Apples, boiled" best represents regular applesauce, and that the food form "apples, canned, not further specified" best represent babyfood applesauce. Applesauce is a partially blended food, so the apple sauce data was used without decompositing for the aforesaid two food forms. Furthermore, EPA agrees with the Apple Processor's Association that other canned apple foods are processed in a manner that is reasonably consistent with the way apple sauce is processed. Therefore, the apple sauce data were also used for all canned apples. An RDF (#65) was created for apple sauce that consisted of 102 samples at $\frac{1}{2}$ LOD of 0.001 ppm, 4 positive results at 0.004 ppm, and 94 zeros.

The FDA TDS also sampled babyfood applesauce and regular applesauce. In the 18 survey samples analyzed from 1991 to 1997, 15 samples of "applesauce, strained, junior" (food code 225) had measurable residues of chlorpyrifos, the mean value was 0.00041 ppm, and the range from 0.001 to 0.01 ppm. For "applesauce, bottled" (FDA food code 084) 3 of the 18 survey samples had measurable residues (mean, 0.0008 ppm, range 0.0007 to 0.001 ppm).

Apple Juice

NFS data were used for apple juice. A total of 200 apple juice samples were analyzed in the NFS. Two samples (1%) had measurable residues, both at 0.0015 ppm. The NFS data are supported by the PDP data discussed below.

During the years 1996 -1998, PDP collected a total of 1554 samples of apple juice, with one sample having measurable residues at 0.015 ppm (0.06% of samples with measurable residues). Because the PDP data and the NFS data are very consistent, but the NFS data had a lower LOD, the NFS results were used for apple juice. The RDF (#18) constructed for apple juice consisted of 104 results at the $\frac{1}{2}$ LOD of 0.0004 ppm, 2 results at 0.0015 ppm and 94 zeros. Apple juice concentrate was calculated from the apple juice RDF times the default DEEM™ processing factor of 3.0.

Grapes

Between 1994 - 1997 PDP analyzed 1884 grape samples with 162 measurable residues (8% detect rate) ranging up to 0.44 ppm. BEAD independently estimated that the maximum percent crop treated for grapes was 1%. Grapes are partially blended, so decompositing was not appropriate. Therefore an RDF (#2) for fresh, whole grapes was constructed of 1722 zeros, none at $\frac{1}{2}$ LOD, and 162 measured residues. This RDF was also used for grape juice with an added processing factor of 0.3 (Knizner, S. Chlorpyrifos Anticipated Residues for DRES Acute Analysis, DP Barcode: D216468, 10/95). For grape leaves, the grape RDF with the DEEM™

default processing factor of 1.5 was used. For grape raisins, the grape RDF was used with the processing factor of 0.17 (Knizner, S. Chlorpyrifos Anticipated Residues for DRES Acute Analysis, DP Barcode: D216468, 10/95).

The same grape RDF was also used for grape wine. A wine processing study has not been submitted to EPA, however comments indicated that some vinification studies examining chlorpyrifos residues have been published in the open literature. In particular, a paper by C. Sala et al, *J. Agric. Food Chem* 44, 3668-3671 (1996) was useful for deriving a wine processing factor. This paper showed initial residues of 93 ppm of chlorpyrifos in the initial grape mash for white wine and 1866 ppm of chlorpyrifos in the initial grape mash for red wine. After complete processing to bottled wine, the residues in both cases were reduced to a non-detectable level. Unfortunately, the limit of detection was not reported in this paper. Therefore it has been necessary to use the lowest measured residue of chlorpyrifos, 4 ppm, in place of an LOD, and to calculate the lower limit of detectable residues as $\frac{1}{2}$ of the lowest measured residue at 2 ppm. This led to a processing factor of 0.02 for white wine and 0.001 for red wine. Because DEEM does not separate red and white wines, the more conservative processing factor, 0.02, was used for all wines and sherries.

Note that FDA also collected 477 samples of grapes between 1992 - 1997 with 8 measurable residues, or a detect rate of about 2%.

Tomato

In 1996 - 1997 PDP analyzed 881 samples of tomatoes. Of these, 256 were imported from other countries, 250 were grown in Florida, and 375 were grown in the US in states other than Florida. BEAD has estimated that, at a maximum, 3% of US tomatoes, and 26% of imported tomatoes are treated with chlorpyrifos. BEAD also estimated that about 34% of the US tomato consumption is imported. The PDP database contained 256/881, or about 29% imported tomatoes.

Of the 881 samples analyzed by PDP, 109 samples (12%) had detectable residues. A total of 83 of these 109 samples bearing residues were imported tomatoes. Measurable residues ranged from 0.005 ppm to 0.31 ppm (average 0.03287 ppm). If 30% of 881 samples are assumed to be at 26% crop treated and the remaining 70% at 3% crop treated, a total of 88 samples are predicted to have been treated at a maximum. Since this was somewhat less than the number of detects actually found, none of the samples were taken to be at $\frac{1}{2}$ LOD. Therefore an RDF (#33) was created for fresh tomatoes that consisted of 1000 samples with decomposed residues and 7026 zeros.

An RDF for processed tomatoes was calculated after removing results for imported and Florida tomatoes (because FL tomatoes are not used for processing). This left 375 samples collected from states in the US other than Florida. There were 9 with detectable residues, at 0.018667 ppm average, or a sum of 0.168 ppm. The BEAD estimate for domestic maximum percent crop treated is 3%. Based on 3% crop treated, 11 samples would have been treated, which is 2 more than the number found, so 2 samples were assumed to be at $\frac{1}{2}$ LOD of 0.003 ppm. Therefore an

acute RDF (#34) was created for processed tomatoes that consisted of the 9 detects, 2 at ½ LOD of 0.003 ppm, and 364 zeros.

Processing Factors for Tomatoes - A previous review of tomato processing studies (N. Dodd, PP#4F03008, CBTS #10804, Barcode #D183901 (9/28/93), described processing residue reduction factors of 0.03X for juice and 0.1X for tomato paste, puree and catsup. These factors were incorporated into the analysis.

The registrant also submitted a market basket survey of 55 fresh market tomatoes from Florida. These samples were tested with an LOD of 0.01 ppm and 16 (29%) had measurable residues ranging from 0.025 - 0.28 ppm. These samples were not used in this assessment because: 1) EPA ordinarily requires at least 100 samples before it can use monitoring data; 2) imported samples contribute significantly to residues in fresh tomatoes (32% of imported samples tested had measurable chlorpyrifos residues; and, 3) tomatoes grown in Florida, in general, are not used for processing.

Asparagus

During the years 1992 - 1997, FDA reported results from 692 domestic and imported samples of asparagus, finding measurable residues in 18 samples that ranged from 0.0005 ppm to 2.44 ppm, with an average of 0.2394 ppm.

Although FDA data for imported commodities have generally not been included in dietary exposure assessments they were for asparagus. We note that imports of asparagus constitute about a third of all asparagus consumed in the U.S. FDA over sampled imported asparagus (76% of samples analyzed), and there are considerably higher residues on imported asparagus than on domestic asparagus, therefore, it was necessary to adjust the FDA monitoring data to properly account for the proportions of domestic and imported asparagus consumed by the U.S. public. Omitting or otherwise not accounting for differential sampling of imports would have led to an unrealistic picture of exposure through this food.

Of the 692 total FDA samples, 166 were from domestic sources with two containing detected residues at 0.087 and 0.0005 ppm (1%). There were 526 imported samples (76%) and 16 (3%) of the imported samples had measurable residues up to 2.44 ppm. Because of the discrepancy between the proportion of FDA samples that were imports (76%) and the proportion of imported asparagus in the US marketplace (34%), HED decided to prorate the FDA domestic and imported asparagus samples for this assessment. Since about one third of asparagus in the US market place is imported, there should be roughly twice as many domestic asparagus samples as imported samples. With 526 imported samples, the number of domestic samples should approximate twice that, or about 1000 samples. Since there were 166 domestic samples, and $1000/166 = 6$, the domestic samples and imported samples were combined at a ratio of 6:1. That is, the domestic sample results were entered into an RDF 6 separate times and the imported sample results were entered once. Because the domestic samples consisted of 164 samples at ND, and 2 samples with measurable residues at 0.087 and 0.0005 ppm, and the imported samples consisted of 510 samples

at ND and 16 samples with measurable residues, it was calculated that there should be a projected total of 1522 samples, 1494 of these should be ND, and there should be the sixteen imported samples with measurable residues, combined with 6 results each at 0.087 ppm and at 0.0005 ppm.

Although asparagus is considered to be a non-blended commodity and residue measurements on composite samples would normally be required to be decomposed for use in an acute risk assessment , there were only eighteen positive results in the FDA sampling (less than the recommended 30) so this was not done. Given that a serving of asparagus generally consists of several stalks, HED does not believe that direct use of FDA composite samples (i.e., without decomposing) results in a significant underestimate of exposure. Thus, a single RDF (#52) was created for asparagus with 1339 zeros, 155 at $\frac{1}{2}$ LOD of 0.00015 ppm and 28 measurable residues.

Bananas/Plantains

BEAD indicated that a maximum of 14% of imported bananas are treated with chlorpyrifos (Kiely, T. Chlorpyrifos in Imported Bananas, 4/7/99).

PDP analyzed 1126 peeled bananas (banana pulp) from 1994 to 1997. All samples had non-detectable residues (weighted average LOD is 0.006 ppm). FDA TDS data also indicate no detectable (<0.001 ppm) residues of chlorpyrifos in banana pulp for the last 18 surveys conducted from 1991-1997, and field trial data (MRID 00118172) available for peeled bananas also indicate no detectable (<0.01 ppm) residues in banana pulp. However, FDA found residues of chlorpyrifos present on many unpeeled imported bananas, some at concentrations higher than those encountered on unpeeled bananas in the field trials. Therefore, an RDF was created with 14 bananas set at the $\frac{1}{2}$ LOD of 0.00015 and 86 bananas set at zero.

Cherries

FDA analyzed 410 samples of cherries between 1992 - 1997. Of these samples, 55 had detectable residues of chlorpyrifos, and results ranged up to 0.257 ppm, however 45 of these positive results were "trace" findings. Such trace findings are assumed to be at $\frac{1}{2}$ the Limit of Quantification (LOQ), which is 0.0005 ppm for all FDA analyses of chlorpyrifos. Note that 43 of the 55 samples with detectable residues came from the Northwest (Oregon or Washington.) According to BEAD, a maximum of 24% of sweet cherries, and a maximum of 14% of tart cherries, are treated with chlorpyrifos. (Kiely, T. Re: Fresh Sweet Corn vs. Canned Sweet Corn, 4/28/99). Two RDFs were therefore created for cherries - one for sweet and one for tart. The sweet cherry RDF (#21) was used only for the fresh cherries and for home cooked cherry food forms. The tart cherry RDF (#22) was used for all dried, canned or frozen cherry commodities. Because FDA did not specifically separate sweet and tart cherries in their monitoring program, it was necessary to use the same monitoring data for both varieties. Cherries are partially blended, so the FDA data were used without decompositing. For sweet cherry the RDF consisted of 312 zeros, 43 samples at $\frac{1}{2}$ LOD of 0.00015 ppm, 45 at $\frac{1}{2}$ LOQ of 0.0005 ppm and 10 quantifiable values. For tart

cherry the RDF consisted of 353 zeros, 2 at $\frac{1}{2}$ LOD of 0.00015 ppm, 45 at $\frac{1}{2}$ LOQ and the 10 quantifiable values.

For cherry juice, the tart cherry RDF was used. In addition, the grape juice processing reduction factor of 0.3X was applied.

Cranberries

Insufficient FDA cranberry monitoring data were available. FDA did monitor cranberries for chlorpyrifos, with 74 samples tested from 1992 - 1997, 26 of which had measurable residues (35% detection rate). However, HED currently requires that a minimum of 100 samples are needed for an acceptable survey data set.

The Cranberry Institute has generated monitoring data for chlorpyrifos in cranberries and has submitted it to EPA (D. Soderberg, 11/10/99, D258918). A total of 139 samples of cranberries were tested over a period of three years from 1996 to 1998. There were 35 measurable residues (25%) for chlorpyrifos ranging from 0.01 ppm to 0.34 ppm. The average positive finding was 0.076 ppm. This is a sufficient number of samples to use for dietary exposure assessment, and the Cranberry Institute method of analysis and quality assurance program have been determined to be adequate to support the results (D. Soderberg, 11/10/99, D258918).

The sampling program used by the Cranberry Institute was primarily designed to minimize any potential exposure from residues on cranberries and was not intended for generating strictly randomized results for risk assessment. Sampling is scheduled for all cranberry growing regions and is prorated to each region by the size of the crop in that region. The program is designed to sample every grower in each region at least once every three years, and sampling from each individual grower is also prorated by acreage and by any factors that might result in increased exposure, such as when a new pest treatment is being introduced. Within those constraints, samples are tested on a scheme of "random" choice. While this program is not strictly random, it is designed to provide a balanced survey of the cranberry crop, and to provide a conservative (worst case) overview of pesticide residues in cranberries.

The limited FDA monitoring data available are comparable to the data from the Cranberry Institute and supports the reliability of their testing. The Cranberry Institute also submitted supporting results in processed cranberry juice cocktail and other processed products. While these data have not been considered adequate to be used in this exposure assessment, they indicate that residues of chlorpyrifos are non-detectable (<0.01 ppm) in processed cranberry products.

Using 60% crop treated (estimated maximum) from BEAD, the Cranberry Institute data on raw, whole cranberries was used to create an RDF file with 56 zeros, 48 results at $\frac{1}{2}$ LOD and 35 measured residues. For cranberry juice, the grape juice processing reduction factor of 0.3X was applied.

Cucumber/Pumpkin

FDA monitored cucumbers for chlorpyrifos from 1992 to 1997. FDA reported results for 407 samples, with one measurable residue of 0.080 ppm (<1% detection rate). BEAD estimated a maximum of 1% of the crop is treated. An RDF (#30) was constructed with 403 zeros, 3 samples at $\frac{1}{2}$ LOD of 0.00015 ppm and 1 measured residue at 0.080 ppm. Fresh cucumber is non-blended, but because there was a single low residue detect, decompositing could not be done. The same RDF was used for canned and cured cucumber and pumpkin food forms.

Green Beans

Chlorpyrifos is used a seed treatment on beans and peas. All tolerances are based on non-detectable residues in beans/peas as a result of the seed treatment.

Between 1994 - 1995 PDP analyzed 1178 samples of fresh green beans. No samples had detectable residues. BEAD reported 0% crop treated, which was rounded up to 1% crop treated per HED policy. Fresh green beans are categorized as partially blended and the data were used without decomposition. An RDF (#48) was created with 1166 zeros and 12 at the weighted $\frac{1}{2}$ LOD of 0.00341 ppm. Fresh green beans were also monitored by FDA. FDA tested 665 samples of green beans between 1992 - 1997 and found 4 samples with detectable residues.

An additional 1238 samples of canned and frozen green beans were analyzed by PDP in 1996-1997. All samples had non-detectable residues. These are also categorized as partially blended and were used for all canned/frozen food forms of green beans. A processed green bean RDF (#54) was created with 1226 zeros and 12 at the weighted $\frac{1}{2}$ LOD of 0.0032 ppm.

Sweet Peas

During the years 1994 - 1996 PDP analyzed 1458 samples of canned and frozen sweet peas with one positive finding at 0.005 ppm (<0.1% detection rate). Because canned and frozen peas are considered to be partially blended the PDP data were used without decomposition. BEAD reported 1% of the crop was treated. This yielded an RDF (#51) with one measured residue, 14 samples at $\frac{1}{2}$ the weighted average LOD of 0.0025 and 1443 samples set at zero. These data were used for all processed food forms of peas. Canned and Frozen samples were not separated because of no significant differences in residue data. Between 1992 - 1997, FDA also analyzed 501 samples of fresh English peas for chlorpyrifos with no measurable residues. This confirms the results found by PDP.

Other Succulent Beans and Peas

Other succulent beans and peas are all 1% crop treated or less and are assumed to be 1% crop treated for this assessment. Therefore, the PDP data for green beans were translated to these other legumes.

Dried Beans and Peas

Chlorpyrifos is used on all dried legume commodities as seed treatments, all at the same rate, and the tolerance of 0.05 ppm (based on non-detectable residues in field trials) is also the same for all dried legume commodities. All percent crop treated values for these commodities were either estimated by BEAD at 1% or were rounded up to 1% for this dietary exposure assessment. There are no PDP data on dried beans or peas, but FDA has collected limited samples of each commodity as shown in table 6 below. The FDA LOD reported is the same for all commodities and so could be applied to all equally. Thus, these commodities could be combined to create a set of more than 100 samples, which is a sufficient number of monitoring samples to be used in dietary exposure assessment. However, because dried beans are blended, current HED policy would require that all non-detects in the FDA monitoring data would have to be reported at $\frac{1}{2}$ LOD. No zeros could be introduced for the percent crop treated, even though it was estimated to be below 1%. (This problem arises because blending mixes residues from untreated crops with treated crops, and can be expected to lead to non-zero residues, below the LOD, in some monitoring samples.) On the other hand, if field trial data were used, zeros could be incorporated into the analysis for the percent of the crop not treated. Since the results of the field trials are approximately the same as the tolerance, $\frac{1}{2}$ tolerance times 1% crop treated was used as a point estimate for the entire dried bean/peas blended commodities. The anticipated residue is 0.025 ppm tolerance X 1% CT = 0.00025 ppm.

Table 6. FDA Monitoring Data for Dried Beans and Peas

COMMODITY	NUMBER OF ANALYSES	NUMBER OF DETECTS	RESIDUE (ppm)	½ LOD
Cranberry beans	3	0		0.00015
garbanzo beans	4	0		0.00015
kidney beans	29	0		0.00015
lima beans	22	0		0.00015
navy beans	15	0		0.00015
pinto beans	46	0		0.00015
black beans	3	0		0.00015
black-eyed peas	11	0		0.00015
English peas	86	4	0.030, 0.016, 0.017, 0.017	0.00015
field peas	1	0		0.00015
lentils	62	0		0.00015
other	75	0		0.00015
TOTAL	357	4		0.00015

Kiwi Fruit

In the years 1992-1997, FDA analyzed 278 samples of domestic and imported kiwi fruit, with 35 measurable results ranging from 0.0005 ppm to 0.36 ppm. Of the 278 total samples, 124 samples, or close to half, were domestically grown. There was only one measurable residue (0.010 ppm) found on the domestic kiwi samples, the remainder were found on imported samples.

Approximately 50% of the kiwi in the US market place is imported, so the FDA data were used without adjustment for the proportion domestic versus imported samples analyzed. BEAD estimated that less than 1% of the domestic crop is treated with chlorpyrifos and it was assumed that 100% of the imported crop was treated. Since about 50% of all kiwi fruit are imported, a value of 50% crop treated was used. There are expected to be about 103 kiwi fruits per 20 pound FDA sample. Kiwi fruit are considered to be non-blended, so the results were decomposed.

The decomposed kiwi RDF included 3972 zeros, 2971 samples at ½ LOD of 0.00015 ppm and 1000 projected measurable residues. Kiwi are consumed after peeling, but are analyzed by FDA with peels remaining intact. Therefore, the kiwi results were adjusted for residues that would be removed with the peels by applying the apple peeling factor of 0.15.

Sweet Corn

BEAD has reported that 22% of the sweet corn crop grown for sale as fresh corn is treated with chlorpyrifos, while 9% of the sweet corn crop grown for commercial processing is treated with chlorpyrifos. In addition, separate data sets of FDA analyses of fresh sweet corn and PDP analyses of canned and frozen sweet corn were available.

Between 1992 - 1997 FDA analyzed 713 samples of fresh sweet corn for chlorpyrifos and had **no measurable residues in any sample**. Between 1994 - 1997 PDP analyzed 1306 samples of canned or frozen sweet corn for chlorpyrifos and had **no measurable residues in any sample**.

Because both monitoring programs showed non-detectable residues (in over 2000 samples), an anticipated residues of zero has been used in the exposure analysis.

Figs

Anticipated residues for figs were calculated from the tolerance of 0.01 ppm. BEAD reported 0% crop treated. To be conservative the fig RDF was created using 1% crop treated, yielding an RDF of one value at 0.01 ppm and 99 zeros.

Mint Oils

Mint oils, spearmint and peppermint, are blended commodities. An average point estimate was therefore calculated for each commodity using the tolerance for chlorpyrifos on mint hay of 0.8 ppm and a processing factor of 10X (MRID 00034031), combined with a BEAD maximum estimated percent crop treated of 27% to yield 2.16 ppm.

Broccoli

PDP analyzed 679 samples of broccoli from 1994-1997. Of these, all but 11 contained no measurable residues (1.6% detect rate). Of the 11 positive samples, 6 were below quantifiable limits (BQLs). The maximum detected residue was 0.025 ppm. Because there were few positive samples, and all were low, the results were used without decompositing. BEAD estimated that a maximum of 51% of the broccoli crop is treated with chlorpyrifos. An RDF (#36) was created of 333 zeros, 335 at the weighted average $\frac{1}{2}$ LOD of 0.00269 ppm, and 11 measured residues.

Brussels Sprouts

Brussels Sprouts were translated from the PDP data for broccoli, using a BEAD estimate of 91% crop treated. This yielded an RDF (#37) of 11 measured residues, 335 samples at the weighted $\frac{1}{2}$ LOD of 0.00269 ppm, and 34 at zero.

FDA TDS data are also available for Brussels sprouts. Fifteen of 18 samples analyzed contained chlorpyrifos residues, ranging from 0.001 to 0.148 ppm (average of detects = 0.018 ppm).

Other Brassica - Cabbage, Cauliflower, Collards, Kale, Kohlrabi, Mustard Greens

Between 1992-1997 FDA analyzed all Brassica crops except kohlrabi for chlorpyrifos. The FDA results are tabulated below. The FDA data for cauliflower, cabbage, collards, kale and bok choi were used directly for each of those commodities. The results for all were used without decompositing because all had less than 30 measurable residues and the last three of these commodities are partially blended. Although there were slightly less than 100 samples for bok choi, 96 samples were considered an adequate number for use in this assessment. There were no data on kohlrabi, so the file from collards was translated to kohlrabi with an adjustment for percent crop treated. There are fewer than 100 results for mustard greens, so the data from collards were also translated to mustard greens with an adjustment for percent crop treated. Note that label treatment rates are almost exactly the same for all of these crops.

Table 7. FDA Data for Different Brassica

RAC	% crop treated	Number of Samples	No. of Detects	Residues (ppm)
cabbage	23%	491	8	0.070, 0.120, 0.0005, 0.010, 0.120, 0.135, 0.163, 0.043
cauliflower	36%	256	0	-
bok choi	assume 1%	96	1	0.200
collards	13%	147	4	0.0005, 0.020, 0.180, 0.020
kale	assume 1%	113	4	0.120, 0.010, 0.400, 0.145
mustard greens	assume 1%	85	1	0.100
kohlrabi	assume 1%	none reported	none reported	
TOTAL		1200	21	

The specific RDF (#38) created for cabbage was 378 zeros, 105 samples at $\frac{1}{2}$ LOD of 0.00015 ppm and 8 positive results. The RDF (#39) for cauliflower was 164 samples at zero and 92 samples at the $\frac{1}{2}$ LOD of 0.00015 ppm. The RDF (#59) for bok choi was 95 samples at zero and 1 positive result at 0.2 ppm. The RDF (#40) for collards was 128 zeros, 15 at $\frac{1}{2}$ LOD of 0.00015 ppm and 4 positive results as noted in Table 7 above. The RDF (#41) for kale was 108 zeros and 4 positive results as noted above. The RDFs (#41 and #42) for mustard greens and kohlrabi had 1481 zeros and 4 positive results from collards.

Almonds, Filberts, Pecans, Walnut and Macadamia Nuts

A crop group tolerance for tree nuts is no longer supported. Therefore this assessment addresses only almonds, filberts, pecans, Macadamia nuts and walnuts, which are supported. The only available information for the tree nuts is from field trials. FDA did not analyze sufficient numbers

of tree nut samples to use their data for risk assessment. Acceptable field trials have been performed for chlorpyrifos on various tree nuts, primarily almonds and walnuts (MRIDs 00132786, 00044555, 00116675, 41424401). The results of the field trials are tabulated below (Table 8a). All results were measured as the total trichloropyridinyl (TCP) common moiety expressed as chlorpyrifos.

RDFs were created using only those field trials where the treatment consisted of 3 treatments of 2 lbs/A with a PHI of 14 days (see tables below). Combining almonds and walnuts provided 22 data points. All other nuts were translated from these. The BEAD estimated percents crop treated are 29% for almonds, 36% for pecans, 39% for walnuts and 9% for other tree nuts (filberts). Four RDFs were created, each using the almond and walnut data, but incorporating the different percents crop treated. Thus the RDF for almonds consisted of the 22 field trial data points plus 54 zeros based upon 29% crop treated. For pecans there were the 22 field trial points and 39 zeros; for walnuts there were 34 zeros and the 22 data points; and for other nuts (filberts and Macadamia nuts) the 22 field trial data points were combined with an estimated 222 zeros.

No LOD was reported for the method used in the field trials for nuts. Rather, the sensitivity of the method was limited by the peak height found at the analyte retention time in the individual associated control samples. The corrected results in Table 8a were determined in the studies by subtracting the control results from the incurred results. Results of <0.025 ppm meant that the results were <0.025 ppm over the control results. Results reported as ND meant that the samples were not higher than the controls. Since the field trials clearly did not use averages of the control results, but used the highest control value in deciding whether a result was a reportable amount or ND, these highest results for the controls constituted the practical LOD. This LOD value varied from set to set, making it difficult to calculate a single LOD. However, except for a single control result at 0.042, all results were less than 0.026, with several highest results at 0.023, 0.020 etc. Therefore, all ND results were set in the RDF files as $\frac{1}{2}$ of 0.026 = 0.013. All results reported at <0.025 were set as $\frac{1}{2}$ ($0.026 + 0.025$) = 0.026.

Table 8a. Field Trials for Tree Nuts

RAC	Site	Treatment	Number of Treatments	Lbs ai/A	PHI	Number of Samples	Results in Nutmeat
Almonds	Modesto	foliar	3	1.6	14	2	ND x 2
	Modesto	foliar	3	2.0	14	2	ND x 2
	Modesto	foliar	3	1.6	14	2	.04, <0.025
	Modesto	foliar	3	2.0	14	2	.03,<.025
	Davis	foliar	3	2.0	14	4	.04 x 3, ND
	Davis	foliar	3	2.0	14	4	.04, .04, .09, ND

RAC	Site	Treatment	Number of Treatments	Lbs ai/A	PHI	Number of Samples	Results in Nutmeat
	Sanger	foliar	3	2.0	16	4	.05, .07, .03, .06
	Sutter	foliar	3	2.0	15	4	.05, .03, .03, <.025
	Davis	foliar	3	2.0	14	4	.08, .09 X 2, .11
	Davis	foliar	3	2.0	14	4	.08 X 2, .07 X 2
Walnuts	Davis	foliar	3	2.0	12	4	ND x 4
	Davis	foliar	3	2.0	12	4	ND x 4
	Davis	foliar	3	2.0	12	4	ND x 4
	Davis	foliar	3	2.0	12	4	ND x 4
	Visalia	foliar	3	2.5	17	4	ND x 3, <0.025
	Butte City	foliar	3	2.0	14	2	ND x 2
Almonds	Modesto	dormant	1	4???	N/A	4	<.05 x 4
	Modesto	dormant	1	4???	N/A	3	<.05, 2 X ND
	Arbuckle	dormant	1	4???	N/A	4	2 X .05, 2 x <.05
	Arbuckle	dormant	1	4???	N/A	4	4 X ND
	Davis	dormant	1	4???	N/A	9	8 x ND, <.05
Walnuts	Davis	dormant	1	4???	N/A	4	4 X ND

Table 8b. Comparison of Treatments for Different Tree Nuts

RAC	Treatment	Number of Treatments	Lbs/A	PHI
Almonds	dormant	1	2.0	N/A
	dormant	1	1 - 3	N/A
	foliar	3	2	14
	tree trunk	2	.015 - .045/tree	14

RAC	Treatment	Number of Treatments	Lbs/A	PHI
	soil	2	4	14
Filbert	foliar	3	2	14
Macadamia	foliar	8	1	14
Pecans	foliar	5	1 - 2	28
	soil	5	1 - 2	N/A
Walnut	dormant	1	2	N/A
	foliar	2	2	14

Peppers

All peppers are treated at the same rate, and all have a 7 day PHI. Although tomatoes are treated at the same rate as peppers, tomatoes have a 14 day PHI, so tomato residue data could not be translated to peppers ("Translation of Monitoring Data, HED Standard Operating Procedure 99.3", M Stasikowski, 3/26/99).

BEAD provided an estimate (maximum) that 3 percent of the bell pepper crop is treated with chlorpyrifos. No similar treatment information is available for hot peppers. FDA tested 368 bell peppers between 1992 - 1997, with 19 positive results. This number of positive results is well in excess of the estimated percent crop treated. Some of these results were also quite high, ranging up to 0.770 ppm and 0.930 ppm. Nevertheless, this data set was not decomposed, because 19 samples were not sufficient to provide statistically reliable projections. An RDF (#32) was created of 19 positive results and 349 zeros and was used for all peppers.

Sugar Beets

Sugar beets are used only for making sugar and molasses, and are considered to be blended, so a point estimate was calculated. Since there are very few FDA data available on sugar beets, and no data from PDP, residues on sugar beets were calculated by translating the data from sweet potatoes. A blended sweet potato point estimate was calculated, from 129 measured residues, that averaged 0.009349 ppm and summed to 1.206 ppm, plus 39 samples set at the ½ LOD of 0.0029, based upon an average of 14% of the sugar beet crop treated. This information was translated to sugar beets as the sum of the 129 detects, 39 ½ LODs and a projected 1932 zeros estimated using 8% average crop treated for sugar beets. ((129 + 39)/.08 = 2100 total samples. 2100 - (129 + 39) = 1932) Thus a point estimate was made ((1.206 + 39*0.0029)/2100 = 0.00063) for sugar beets at 0.00063 ppm.

One commentator has indicated that a study exists in the public literature showing that decolorization of white wine with activated charcoal removes all detectable residues of chlorpyrifos-methyl, and that this study should provide a processing factor that could equally well

be used for the decolorization of refined sugar. HED has accepted this reasoning. The study, by P. Cabras et al, *J Agric. Food Chem.* 43, 2613-2615 (1995) shows that treatment with charcoal reduced chlorpyrifos-methyl residues in wine from 0.11 ppm to less than 0.01 ppm. That supports a processing reduction factor of 0.1X. This factor was applied to both refined beet sugar and refined cane sugar.

Leaves of Roots and Tubers

The FDA data available for root greens were not adequate for risk assessment and no PDP data were available. The residues found in the root crops could not be extended to the greens because these data could not capture the effect of translocation of residues from the roots to the leaves. However, the treatment rate for these crops was the same as for collards, and both were soil applied. Therefore, an RDF file for root greens was translated from collards, but using the 19% maximum crop treated that BEAD estimated for roots and tubers. An RDF (#35) consisted of 81 zeros, 15 samples at $\frac{1}{2}$ LOD of 0.00015 ppm and the 4 measurable residues on collards. Rutabaga greens treated with chlorpyrifos may not be sold for human food and are not included in this assessment.

Wheat

PDP sampled wheat from 1995 - 1997. There were 1573 samples, with 206 measurable residues (13% detect rate), of which 184 were BQLs. Since wheat is blended, all non-detects were set at $\frac{1}{2}$ LOD (weighted average LOD = 0.00482) and no decompositing was done. An RDF (#53) was created for wheat grain consisting of the 206 measured residues and 1367 results at $\frac{1}{2}$ LOD of 0.00241 ppm. This whole grain RDF was used for all forms of wheat. Note that FDA also sampled wheat and had very similar results to those found by PDP.

The data from wheat were used for wheat flour incorporating a processing reduction factor of 0.145X (Flood, M. PP#3F2947, 8/10/92). In addition, HED has concluded that processing factors for chlorpyrifos methyl in wheat (Sarah Levy, November 1, 1999, Revised Chlorpyrifos Methyl: Residue Chemistry Chapter of the RED, DP Barcode D259808) could also be used for chlorpyrifos in wheat. The processing factors obtained from this document were 0.86X for cleaned rough wheat, 3X for bran, 2.7X for wheat germ, and 0.026X for boiled wheat products.

Field Corn Grain

The assessment used acceptable field trial data to calculate an acute anticipated residue in corn at 0.00088 based upon average field trial results of 0.011 ppm and 8.0 % crop treated (MRID 00070509). To convert corn grain data to corn sugar and syrup a processing factor of 0.05 was used (Knizner, S. Chlorpyrifos Anticipated Residues for DRES Acute Analysis, DP Barcode: D216468, 10/95). To convert corn grain to corn oil a processing factor of 4.5 was used (also Knizner, S. Chlorpyrifos Anticipated Residues for DRES Acute Analysis, DP Barcode: D216468, 10/95).

In addition, a processing factor of 0.22 was included for washing of corn grain endosperm. This is based upon a study [A. Tejada et al, *The Philippine Agriculturist*, 73: 375-385 (1990)] published in the open literature that was recommended by a commentor. In this study the author found that washing corn reduced chlorpyrifos residues from 0.92 ppm to 0.2 ppm and from 2.82 ppm to less than 0.0003 ppm, or using the conservative difference, by a factor of 0.22. In the same study this author found that residues on rice were reduced by a similar factor of 0.33. In addition, the rice grain washing factor was confirmed by a second study [S. Lee, *J. Agric. Food Chem.* 39: 906-908 (1991)], which found a factor of 0.4X for washing rice. Field corn is processed by either wet or dry milling. In wet milling, the corn is extensively steeped, but the foods listed in DEEM™ under corn, grain endosperm are probably all dry milled. According to S. Watson & P. Ramstad, in *Corn, Chemistry and Technology*, prior to dry milling all corn grain is dry cleaned with air jets, aspiration, and screens, then wet cleaned to remove dirt, dust and rodent excreta. Therefore, the washing factor was applied for dry milling also.

Soybean Grain

As noted in the Uncertainties sections of this document, some PDP data for soybeans from 1996 were available, but were not suitable for risk assessment purposes because budget constraints prevented the sampling program from being completed.

Field trial data are available in MRID #00095270 depicting residues of chlorpyrifos per se in soybeans. Only one field trial reflects current label rates (maximum seasonal application rate of 3 lb ai/A and 28 day PHI). The other 5 available field trials reflect higher application rates (5 lb ai/A) and slightly longer PHIs (28-38 days). The data are summarized below in Table 9.

The average residue for these field trial data was 0.032 ppm. Since BEAD has estimated that an average of 1% of the soybean crop is treated, an average residue of 0.00032 ppm was used in this assessment.

Table 9. Soybean Field Trials

Location	Application rate (lb ai/A)	PHI (Days)	ppm Chlorpyrifos
MS	3	28	0.004 0.002 0.003
IL	5	28	0.016 0.009 0.011
GA	5	30	0.001 0.010 0.003

Location	Application rate (lb ai/A)	PHI (Days)	ppm Chlorpyrifos
IA	5	30	0.024 0.052 0.017
NE	5	31	0.010 0.008 0.005
NC	5	38	0.014 0.240 0.142

Soybean Oil

The average residues on soybeans that were calculated from these field trial data at 0.00032 ppm was also used for soybean oil with addition of a processing factor of 0.14 (Knizner, S. Chlorpyrifos Anticipated Residues for DRES Acute Analysis, DP Barcode: D216468, 10/95)

Cottonseed Oil

For cottonseed oil, an average field trial result of 0.12 ppm and a processing factor of 0.375 for cottonseed oil were combined with a BEAD estimated 6% crop treated. In detail, a cottonseed processing study has been previously reviewed in conjunction with PP#5G1595 (A.Rathman, 5/2/75). In that study, cottonseed bearing total residues (chlorpyrifos and TCP) of 0.16 ppm was used for processing. Crude and refined oil processed from these cottonseeds contained 0.14 ppm and 0.06 ppm respectively. From this information, a processing reduction factor of 0.375X was obtained for refined cottonseed oil.

Field trials are available for cotton under a variety of application procedures. The current maximal seasonal application rate for cotton is 6.0 lb ai/A and maximum single application rate is 1.0 lb ai/A. Applications can be made using ground equipment, sprinkler irrigation, or aerial equipment. A 14 day PHI is in effect.

Data are available in MRID #40131303 (1987) reflecting application of chlorpyrifos to cotton in CA. Five applications were made at 1.0 lb ai/A/application. Samples were harvested 14 days after the last application. Average chlorpyrifos residue reported for cottonseed was 0.183 ppm (4 samples).

Data are available in MRID #00037455 (1975) reflecting application of chlorpyrifos to cotton in TX. Four applications were made at 0.25 lb ai/A/application followed by 12 applications at 1.0 lb ai/A/application. Samples were harvested 18 days after the last application. The average chlorpyrifos residue reported for cottonseed was 0.103 ppm (4 samples).

Data are available in MRID #00095373 (1974) reflecting application of chlorpyrifos to cotton in

MS. Nine applications were made at 1.0 lb ai/A/application. Samples were harvested 14 days after the last application. The average chlorpyrifos residue reported for cottonseed was 0.070 ppm (3 samples).

Based on the average residue from these field trials (0.12 ppm), and a reduction factor of 0.375 after processing into refined oil, a value of 0.045 ppm is appropriate for chlorpyrifos acute anticipated residues in cottonseed oil (Knizner, S. Chlorpyrifos Anticipated Residues for DRES Acute Analysis, DP Barcode: D216468.) Because cottonseed oil is a blended commodity, multiplication of this AR by 6% crop treated yields acute AR of 0.0027 ppm which was used in the analysis.

Oranges

From 1994 - 1997 PDP analyzed 1891 samples of oranges with 144 measurable residues ranging up to 0.028 ppm (8% detects). These results were decomposed by the method of Allender. Samples were assumed to be composites of 14 oranges based upon a 5 lb sample and a weight of 160 g for a medium orange (*USDA Handbook Number 8, Composition of Foods, Raw, Processed, Prepared*). BEAD has reported that 19% of the total orange crop is treated with chlorpyrifos, however BEAD also provided estimates that 10% of oranges used for processing and 54% of oranges eaten fresh are treated with chlorpyrifos. To accommodate these differences two different RDFs were created. One file was for fresh, whole non-blended oranges. This was created by decomposing the PDP measurable residues, and adjusting with 54% CT. This RDF (#10) consisted of 6044 zeros, 6095 at $\frac{1}{2}$ the weighted average LOD of 0.0021 ppm and 1000 measurable residues.

For partially blended orange food forms the PDP data were used directly without decompositing, assuming 10% crop treated. This yielded an RDF (#11) of 1703 zeros, 45 at $\frac{1}{2}$ the weighted LOD of 0.0021 ppm and the 144 measurable residues.

Orange Peel

One commentator suggested that factors derived from an open literature study [Y. Iwata et al, *J. Agric. Food Chem.* 31, 603-610 (1983)] could be used to convert from residues on whole citrus to the pulp. In fact, since EPA used PDP analyses, which were performed on the separated citrus pulp (i.e., peeled oranges), this was not necessary. However, this study can support a concentration factor for converting from residues in the pulp to residues in the peel. In this literature study, residues in grapefruit and orange pulp were all found to be below the limit of detection of 0.03 ppm. Residues in the rind varied, depending upon the pre-harvest interval (PHI). At a 21 day PHI the residues in oranges approximated 0.5 ppm. At a 21 day PHI in grapefruit the residues in the peel approximated 0.25 ppm. From these, concentration factors of 15X (.5/.03) for orange peel and of 8X (.25/.03) for grapefruit peel were derived.

Orange Juice

In 1997 PDP analyzed 692 samples of orange juice for chlorpyrifos, with one positive finding at 0.005 ppm and an estimated $\frac{1}{2}$ LOD of 0.0025 ppm (<1% detects). The registrant also submitted a market basket survey (NFS) of orange juice that consisted of a total of 195 orange juice samples tested to an LOD of 0.002 ppm, and with one positive finding at 0.0112 ppm. Because the PDP orange juice data and the market basket orange juice data were similar, but the market basket samples were tested with greater sensitivity, the market basket data were used in this assessment. BEAD estimates that 10 percent of the orange crop for processing is treated with chlorpyrifos. An RDF (#12) was created for orange juice that consisted of the one detect at 0.0112 ppm, 19 samples at $\frac{1}{2}$ LOD of 0.001 ppm, and 175 zeros.

Since orange juice was directly analyzed, no processing factor was used. However, orange juice was also translated to orange juice concentrate. In this case the ratio of the DEEM™ default factors for juice to juice concentrate was retained.

Citrus, Other

Other citrus (limes, tangerine, tangelos, and citrons) were translated from the PDP data for oranges, but using the estimated maximum of 32% of the crop treated with chlorpyrifos as reported by BEAD. Other citrus could not be divided into the proportion of the crop grown for processing and the proportion grown for fresh market distribution, as could be done with oranges. In order to calculate the translation correctly from oranges to other citrus, it was thus necessary to first calculate an RDF for all oranges (fresh and processed together) based upon 19% crop treated. Fresh oranges are non-blended. Using the Allender method of decomposing, the resulting RDF for oranges consisted of 1000 detects, 1495 results at $\frac{1}{2}$ LOD of 0.0021 ppm and 10637 zeros. This value was translated to other citrus, at 32% crop treated, as an RDF consisting of the same 1000 detects, the same 1495 at $\frac{1}{2}$ LOD and projecting 5302 zeros [from the equation $((1000 + 1495)/.32)-(1000 + 1495) = 5302$].

To translate from oranges to partially-blended food forms of other citrus the same procedure was followed without decomposing. First an RDF was calculated for oranges using 19% total crop treated to create an RDF (#7) with the 144 detected residues, 215 samples at $\frac{1}{2}$ LOD of 0.0021, and 1532 zeros. To translate to other citrus, the 144 detects were retained, as well as the 215 at $\frac{1}{2}$ LOD. 763 zeros for the RDF were projected from these by the equation $((144+215)/.32)-(144+215)=763$.

Citrus Juices, Other

Other citrus juices (limes, tangerines) were translated from the orange juice data. Because these other citrus cannot be separated into those grown for processing and those grown for the fresh market, as oranges can be, so it was also necessary to calculate a theoretical RDF for orange juice at the BEAD estimated 19% crop treated for all oranges. This RDF consists of the one detect at 0.0112 ppm, 36 at $\frac{1}{2}$ LOD of 0.001 ppm and 158 zeros. The RDF (#71) for other citrus juices then consisted of the one positive finding at 0.0112 ppm, the 36 samples at 0.001 ppm, and a projected 79 zeros. Because NFS analyzed the juice directly, no juice processing factors were

used. However, these juices were also translated to juice concentrate. For this purpose, the DEEM default ratio of juice concentrate to juice processing factors was retained. For lime juice concentrate this ratio was 3.0 and for tangerine juice concentrate this factor was 3.2.

Lemons and Lemon Juice

Lemons were translated from the 19% crop treated RDF for oranges, but were adjusted to BEAD estimated maximum 43% crop treated. The non-blended processed lemon food forms used the decomposed orange results, yielding an RDF (#8) of 3307 at zero, 1495 at $\frac{1}{2}$ LOD and 1000 measurable residues. The partially blended food forms were translated from the partially blended orange RDF (#9) at 476 samples at zero, 215 samples at the weighted $\frac{1}{2}$ LOD of 0.0021 ppm, and 144 measurable residues.

Lemon juice was translated from the orange juice data, as above, using the estimated (maximum) 43% crop treated. Thus, an RDF (#71) was created that consisted of one detect at 0.0112 ppm, 36 at 0.001 ppm, and a projected 49 zeros. Lemon juice concentrate was calculated from the lemon juice using the ratio of lemon to lemon juice concentrate processing factors in DEEM™ of 5.7.

Grapefruit

Grapefruits were also translated from the two 19% RDFs for oranges, but used 16% maximum crop treated, as determined by BEAD. Once again, non-blended food forms of processed grapefruit used the decomposed PDP data, while partially blended food forms used the PDP data directly. This led to a non-blended RDF (#6) of 13,099 zeros, 1495 at $\frac{1}{2}$ LOD of 0.0021 ppm and 1000 detects. The partially blended RDF contained 1885 zeros, 215 at the weighted $\frac{1}{2}$ LOD of 0.0021 ppm and 144 measured residues.

Grapefruit juice was translated from orange juice, using 16% crop treated. This yielded an RDF (#73) of one detect at 0.0112 ppm, 36 at 0.001 ppm, and a projected 194 zeros. Grapefruit juice concentrate was calculated from the grapefruit juice preserving the ratio of DEEM™ default factors for concentrate to juice of 3.93.

Onion

During the years 1992 - 1997 FDA analyzed 230 samples of dry bulb onions and had no measurable residues. BEAD estimated that a maximum of 19% of the onion crop is treated with chlorpyrifos. With no measurable residues, onions needed no decomposing and the RDF file could be used directly for both non-blended and partially blended food forms. This yielded an RDF (#45) of 186 zeros and 44 samples at $\frac{1}{2}$ LOD of 0.00015 ppm.

Dried Onions

Dried onions are a blended food. An anticipated residue was therefore calculated for dried onions

by multiplying the $\frac{1}{2}$ LOD of 0.00015 ppm by 0.19 (percent crop treated) to yield 0.000028 ppm.

Peaches - Fresh/Cooked

In the years 1994 to 1996 PDP analyzed 1087 samples of fresh peaches and had 130 measurable residues. Because peach is a non-blended commodity these results were decomposed by the method of Allender. Samples were estimated to be composites of 21 peaches based upon a 5 lb sample and 106 g per average peach (*USDA Handbook Number 8, Composition of Foods, Raw, Processed, Prepared.*) BEAD estimated (maximum) that 17% of peach samples are treated with chlorpyrifos. This yielded an RDF (#24) with 1000 measurable residues, 6940 samples at zero and 422 samples at the weighted LOD of 0.0025 ppm.

For juice and dried peach, a partially blended RDF (#70) was calculated using the fresh peach data. This RDF consisted of the 130 measurable residues, 55 samples at $\frac{1}{2}$ LOD of 0.0025, and 902 zeros.

Peaches - Canned

During 1997 PDP also analyzed 708 samples of canned peaches with no measurable residues. As noted before, BEAD estimates that 17% of peaches are treated with chlorpyrifos. From the BEAD estimate 120 samples were set at the weighted $\frac{1}{2}$ LOD of 0.0025. The remainder of 589 samples were set at zero. These data were used for all processed food forms of peaches except peach juice.

Nectarine

Nectarines were translated from the PDP fresh peach data. BEAD estimated 11% crop treated for nectarines. This yielded an RDF for decomposed nectarines of 11,505 zeros, 410 at $\frac{1}{2}$ LOD of 0.0025 ppm and 1000 measurable residues. Processed food forms of nectarines were translated from processed peaches. This yielded an RDF of 78 samples at $\frac{1}{2}$ LOD of 0.0025 ppm and 630 zeros.

Plum

Residue data for plums were also translated from peach data. BEAD estimated 6% crop treated (maximum) for plums. Processed food forms of plums were estimated from processed peaches. Fresh plums were estimated from the decomposed peaches as 21,683 zeros, 410 at $\frac{1}{2}$ LOD of 0.0025 ppm and 1000 measurable residues. The PDP data for peaches were used directly without decomposition for partially blended food forms to yield an RDF (#26) of 2898 zeros and 55 at $\frac{1}{2}$ LOD of 0.0025 ppm.

Peanuts

During the years 1992 to 1997 FDA Surveillance Monitoring Program analyzed 102 samples of peanuts, with 6 measurable residues that ranged from 0.0005 ppm to 0.04 ppm, averaged 0.017 ppm and summed to 0.102 ppm. Although BEAD estimates that an average of 10% of peanuts are treated with chlorpyrifos, peanuts are blended and monitoring results reported as non-detects for a blended commodity must be assumed to be at $\frac{1}{2}$ LOD (0.00015 ppm). This yielded an RDF (#58) of 96 samples at $\frac{1}{2}$ LOD (0.00015 ppm), and 6 measurable residues.

Peanut Butter

The registrant has submitted a market basket survey (NFS) on peanut butter. It had previously been determined that the DEEM™ recipe for peanut butter accounts for a non-peanut portion of peanut butter (added emulsifiers/oils). However, the added accuracy of these direct analyses of peanut butter, enabling removal of a DEEM default processing factor, outweighs any error introduced by the DEEM™ recipe. The NFS study covered 200 samples of peanut butter, from which there were 169 samples with measurable residues ranging from 0.0035 ppm to 0.021 ppm, averaging 0.006078 ppm and summing to 1.0272 ppm. Peanut butter is considered to be blended, so the RDF (#66) for peanut butter, based on the NFS data, contained 31 results at $\frac{1}{2}$ LOD of 0.001, and 169 measurable residues.

The FDA TDS also reported detectable residues of chlorpyrifos for peanuts, dry roasted (FDA food code 048) and peanut butter, smooth (FDA food code 047). For dry roasted peanuts, 17 of the 18 market basket survey samples had detectable residues, the mean was 0.0045 ppm, and the range was 0.002 to 0.011 ppm. For peanut butter, 17 of the 18 market basket survey samples also had detectable residues, the mean was 0.0047 ppm, and the range was 0.003 to 0.007 ppm.

Peanut Oil

For peanut oil, a point estimate was calculated. The BEAD estimated 10% crop treated can be incorporated when calculating an average point estimate of residues from these monitoring results. Thus, a point estimate was calculated to be the average of the six positive findings, plus four additional samples at $\frac{1}{2}$ LOD of 0.00015 ppm, plus 92 at zero, to yield 0.0010 ppm.

This residue value was modified with a processing factor of 2.0, based upon an adequate peanut processing study where peanut nutmeat bearing chlorpyrifos residues at 0.03 ppm was processed into crude, refined, and pressed peanut oil which were found to contain 0.06 ppm, 0.05 ppm, and 0.07 ppm chlorpyrifos respectively , yielding a 2X concentration for peanut oil (Knizner, S., Chlorpyrifos Anticipated Residues for DRES Acute Analysis, DP Barcode: D216468)

Fresh Pears, Whole

PDP analyzed single (whole) fresh pears during 1998. These were individual pears, not composite samples. There were 160 samples with 3 measurable residues at 0.006, 0.007, and

0.028 ppm and an LOD of 0.0044 ppm. Because these samples were of single whole fruits, decomposition was not needed. BEAD estimates that 23% of the pear crop is treated with chlorpyrifos. This yielded an RDF (#19) of 123 samples at zero, 34 at $\frac{1}{2}$ of the weighted average LOD of 0.0022 ppm, and 3 measured residues.

Composted Pears

During 1997 PDP also analyzed 708 composted samples of fresh pears with 13 measurable residues up to 0.054 ppm. BEAD estimates that 23% of pears are treated with chlorpyrifos. These results were used for canned and frozen pears, which are partially blended, and therefore do not need decompositing. To create an RDF (#20), the 13 measured residues were used, 545 of the non-detects were calculated at zero, 150 of the non-detects were set at the weighted $\frac{1}{2}$ LOD of 0.003. The remaining 545 were calculated as zero.

A point estimate for pear juice and dried pears was taken as the average of the findings for the composite pear RDF at 0.000965 ppm. The default DEEM™ processing factor of 6.25 was used for dried pears. For pear juice, the DEEM™ default processing factor is 1.

Sweet Potato

During the years 1994-1997 PDP analyzed 1202 samples of sweet potatoes with 129 measurable residues that averaged 0.00935 ppm and had a standard deviation of 0.0109 ppm. Because sweet potatoes are non-blended, these samples were decomposed by the method of Allender. Samples were calculated to be composed of 13 individual sweet potatoes based up an estimated weight of 180 g/sweet potato and five pound samples. Thus 129 measurable residues were decomposed to 1000 estimated residues. From this, a total of 9318 samples were projected. BEAD estimates that a maximum of 19% of all root and tuber crops are treated with chlorpyrifos. The RDF (#44) was therefore constructed with 7548 samples at zero, 770 samples at the weighted $\frac{1}{2}$ LOD of 0.0029 and the 1000 decomposed values. For cooked and frozen food forms of sweet potatoes a partially blended RDF (#63) was created with 974 zeros, 99 at $\frac{1}{2}$ the weighted average LOD of 0.0055 ppm and 129 measurable residues (i.e., no decomposition). The canned food forms of sweet potatoes were allowed an apple peeling factor of 0.15.

Radish

During the years 1992 - 1997 FDA analyzed 118 samples of radishes and had 13 measurable residues up to 0.099 ppm. BEAD estimates that a maximum of 19% of all roots and tubers are treated with chlorpyrifos. Based on this estimate, an RDF (#46) was created with 96 zeros, 9 of the non detects set at the $\frac{1}{2}$ LOD of 0.00015 ppm, and 13 measurable residues.

Rutabagas and Turnips

All roots and tubers had an estimated maximum of 19% crop treated. The only tuber on which there were adequate monitoring data was sweet potato, so all roots and tubers, including

rutabagas and turnips were translated from sweet potatoes (the sweet potato RDF was used without modification). Rutabaga greens treated with chlorpyrifos may not be sold for human consumption and are included in this assessment.

Strawberry

During the years 1992 to 1997, FDA analyzed 723 samples of strawberries with 8 measurable residues up to 0.043 ppm. BEAD estimates that 12% of strawberries are treated with chlorpyrifos. Because strawberries are considered to be partially blended these results were used directly without decomposition. The RDF consisted of 636 zeros, 79 set at the weighted ½ LOD of 0.00015 PPM, and the 8 measurable residues. This RDF was also used for strawberry juice, adjusted with the grape juice processing reduction factor of 0.3X.

Sunflower Seeds

An anticipated residue of 0.046 ppm for sunflower seed was taken from Knizner, S. Chlorpyrifos Anticipated Residues for DRES Acute Analysis, DP Barcode: D216468, 10/95. BEAD states that sunflower is 0% crop treated, so HED uses a conservative estimate that 1% of the crop is treated. Therefore an RDF (#69) was created of one measured residue at 0.046 ppm and 99 zeros.

Sunflower Seed Oil

Sunflower seed oil was taken from the sunflower seed anticipated residue and a processing factor of 1.0 from Knizner, S. Chlorpyrifos Anticipated Residues for DRES Acute Analysis, DP Barcode: D216468. Using 1% crop treated, this yields 0.00046 ppm.

Residue Estimates for Meat/Milk/Poultry/Eggs

Milk

Tolerance for residues of chlorpyrifos per se in milk are established as follows: Milk, whole - 0.01 ppm; Milk, fat - 0.25 ppm. These tolerances were proposed by DowAgroSciences in PP#3F2884 and the Agency concurred (58FR19354, 4/1/93).

Residue Monitoring Data

Monitoring data for whole milk are available from the USDA PDP (1996-1998), the DAS NFS (1993-1994), and the FDA Surveillance Monitoring Program (1995-1998). In total, over 3600 samples were analyzed. **All of the samples analyzed by all three of these programs had non-detectable residues.** Because the results of the monitoring programs are in agreement, the anticipated residue for milk is zero.

Table 10. Summary of PDP and FDA Monitoring Data for Milk.

Year	Number of Samples Analyzed	Number of Detects	Limit of Detection	Half of Weighted Limit of Detection
PDP Data				
1996	570	0	0.001-0.002 ppm	0.000723 ppm
1997	727	0		
1998	593	0		
FDA Data				
1995	606	0	0.0003 ppm	0.00015 ppm
1996	455	0		
1997	298	0		
1998	137	0		

Table 11. Summary of DAS NFS monitoring Data for Milk.

Year	Number of Samples Analyzed	Number of Detects	Limit of Detection	Half Limit of Detection
1993-1994	200	0	0.002 ppm	0.001 ppm

Fat, Liver, Kidney, Muscle and Meat Byproducts - Beef, Goats, Horses, and Sheep

The NFS included 200 samples of ground beef, with an LOD of 0.002 ppm. Of 200 samples, 199 were ND and 1 sample had 0.0025 ppm chlorpyrifos. The assumption was made that chlorpyrifos was found in ground beef to about the extent it would be found in the whole animal muscle tissue. Although chlorpyrifos generally partitions in the fatty tissues, this assumption was made because the uncertainty in ground beef fat content and in the fat content of a whole beef carcass is larger than any difference between the two. *Handbook 8* indicates that whole beef carcasses usually have around 23 - 24 % fat. Ground beef can have as much as 30% fat, but is also frequently sold with less than 20% fat. Most ground beef ranges between 17 to 25% fat. No information was available about the fat content of the samples collected by the registrant. Because in the livestock feeding studies kidney and liver samples were generally ND, the conservative assumption was made that kidney, liver, and meat byproducts would have the same chlorpyrifos content as muscle.

Fat was assumed to have 5 times more chlorpyrifos incurred than the ground beef assayed in the market basket. This was based upon livestock feeding studies demonstrating that chlorpyrifos concentrates in the fat about 5 times the lean and the fact that ground beef usually contains somewhere around 17 - 25% fat. The maximum percent crop treated for a livestock feedstuff available on nation feedstuff markets is peanut meal (peanuts are estimated at a maximum of 20% crop treated). Therefore, the RDF created contained 160 zeros, 39 samples at ½ LOD of 0.001

ppm and the one positive finding.

Gelatin

Gelatin is extracted from the skin, bones, etc of animals otherwise used for food. Therefore, for gelatin the average result from the ground beef market basket survey was used (0.001008 ppm).

Pork Fat, Muscle, Kidney, Liver and Meat Byproducts

The NFS included 200 samples of pork sausage. Of these, 199 samples had non-detectable residues, and 1 sample had detectable residues at 0.0035 ppm. The same assumptions made for beef were made for pork. Whole hog carcasses average about 35% fat and pork sausage averages 40% fat. The pork fat was assumed to contain five times the amount of chlorpyrifos found in the pork sausage. This is a very conservative estimate based on the fact that chlorpyrifos tends to concentrate in fat over lean by a factor of about 5, and the fact that, according to *Handbook 8*, pork sausage usually has somewhere near 40% fat. The maximum percent crop treated for a livestock feedstuff available on nation feedstuff markets is peanut meal (peanuts are estimated at a maximum of 20% crop treated). Therefore, the RDF created contained 160 zeros, 39 samples at $\frac{1}{2}$ LOD of 0.001 ppm and the one positive finding.

Veal

Veal is only fed milk or milk replacer. Because zero residues were assumed for milk, veal was not entered in this assessment.

Poultry and Eggs

A poultry feeding study was submitted to the Agency (MRID 00095179). Groups of four hens were dosed with chlorpyrifos at 3 or 10 ppm in the diet for 30 days. Six samples per tissue composited from the four hens were analyzed. The LOQ was 0.01 ppm with stated LOD of 0.001 ppm. Results are summarized below in Table 12.

Table 12. Results of Poultry Feeding Study.

Tissue	Dosing Level (ppm CPY)	
	3 ppm	10 ppm
Muscle	<0.01	<0.01 (0.005, 0.003, 0.003, 0.002, 0.002, 0.001)
Liver	<0.01	<0.01 (0.004, 0.004, 0.004, 0.002, 0.002, 0.002)
Kidney	<0.01	<0.01 (0.002, 0.001, 0.001, 0.001, 0.001, 0.001)

Fat	0.02	0.032 (0.047, 0.028, 0.026, 0.022, 0.020, 0.019)
Eggs	<0.01	<0.01

Table 13 below summarizes poultry feedstuffs on which chlorpyrifos may be used and availability on national feedstuff markets.

Table 13. Poultry Feedstuffs, Percent of Crop Treated and National Availability.

RAC	Feedstuff	% in Diet	% Crop Treated	Traded on Feedstuff Markets ^a
Alfalfa	meal	10	3	Y
Corn, field	grain milled bypdt	80 60	7	Y
Cotton	meal	20	5	Y
Peanut	meal	25	10	Y
Sorghum	grain	80	2	Y
Soybean	seed meal hulls	20 40 20	1	Y
Wheat	grain milled bypdts	80 50	1	Y

^aListed in Ingredient Market, Feedstuffs Weekly Newspaper, 12/27/1999 issue.

Poultry Dietary Burdens and Anticipated Residues

The dietary burden used to calculate acute anticipated residues for poultry commodities is shown below. Percent of crop treated was not used in determining this dietary burden. Rather, according to current HED policy, an RDF file was constructed for poultry commodities. The RDF contained 10 non-zero entries (the anticipated residues for the poultry commodities) and 90 zeros, based on the value of 10% crop treated for peanuts (the feedstuff with the highest percent of crop treated).

Table 14. Theoretical Dietary Burden used to calculate anticipated residues for poultry commodities in the acute dietary exposure assessment.

Feedstuff	Percent in Diet	Residue (ppm)	Dietary Burden (ppm)
Alfalfa Meal	10	1.8	0.18

Peanut Meal	15	0.02	0.003
Wheat Grain	75	0.034	0.0255
Total			0.2085 ppm

Using the theoretical dietary burden of 0.21 ppm, anticipated residues for poultry commodities were calculated based on the results of the feeding study described above (values were extrapolated from the 10 ppm dosing level). Anticipated residues are summarized in Table 15 below.

Table 15. Anticipated residues for the acute dietary exposure assessment.

Poultry Commodity	Anticipated Residue (ppm)
muscle, liver, kidney	0.000063
fat	0.000672
eggs	0.000105

Cooking Factor for Meat and Poultry

Meat and poultry are almost never consumed raw in the United States, so application of a cooking factor was considered necessary. Chlorpyrifos can be depleted (i.e., residues reduced) in meat during cooking by: hydrolysis; volatilization; and, through drip loss of fat and juices. Because of the physical chemical properties of chlorpyrifos (high vapor pressure and lipophilicity), residue reduction from cooking meat is most likely to occur as a result of both volatilization and drip loss in fat.

Circa 1993, a series of three studies by J. Scott Smith, et al, [J. Ag Food Chem 41, 303-307 (1993), J. Ag. Food Chem 41, pp 1719-1723 (1993), J. Ag. Food Chem. 44, 3668-3671 (1994)] studied cooking effects on hydrolysis of chlorpyrifos in cooked meat. These studies may support residue reductions from cooking losses of about 10% due to hydrolysis. There is no empirical information available on residue reduction through drip losses. However, chlorpyrifos is highly lipophilic ($\log K_{ow} = 5.2$). Since meat products most frequently contain 15% - 30% fat, a residue reduction of about 20% would be a fairly conservative estimate of residue reduction through drip loss, even without concentration in the fat. The best information on residues losses from volatility comes from a study on cooking rice by Su-Rae Lee et al, [J. Ag Food Chem. 1991, 906-908 (1991)]. This study indicated that losses due to volatilization in cooked rice were around 20%. Combining these three mechanisms of loss, meat and poultry products were given an estimated cooking residue reduction factor of 0.5X. A data call-in for confirmatory information on meat cooking factors is being issued by HED in the Chlorpyrifos RED.

Because the chlorpyrifos anticipated residues in fresh meat and poultry products were already very low, incorporation of these cooking factors for meat and poultry did not affect the final

outcome of the exposure assessment.

Summary of Data Used in Acute Dietary Exposure Assessment

Table 16 summarizes the information used in the acute dietary exposure assessment.

Table 16. Summary of Individual Fresh, Cooked and Canned and Frozen Commodities

Commodity	Tolerance (ppm)	Max % Crop Treated	Processing Factor	Sample Composition (NB, PB or B)	Source of Data for Assessment (PDP, FDA, etc)	Data Entered into Assessment
cranberries, fresh	1.0	60	N/A	PB	Cranberry Institute data	RDF #1
cranberries, cooked/canned/frozen		21	DEEM default = 1	PB	from fresh cranberries	RDF #1
cranberry juice			grape juice factor 0.3	PB	from fresh cranberries	RDF #1
grapes, fresh	1.0	7	N/A	PB	PDP	RDF #2
grapes, cooked/canned/frozen			DEEM default 1	PB	from fresh grapes	RDF #2
grapes, juice			0.3 (previous EPA PF)	PB	from fresh grapes	RDF #2
dried grapes (raisins)			0.17 (previous EPA PF)	PB	from fresh grapes	RDF #2
strawberries	0.2	12	N/A	PB	FDA	RDF #4
strawberry juice			0.3 (from grape juice)	PB	from strawberries	RDF #4
citron	1.0	32	N/A	NB	from fresh oranges	RDF #3
grapefruit, fresh peeled fruit	1.0	16	N/A	NB	from fresh oranges	RDF #5
grapefruit, canned/frozen			DEEM default = 1	PB	from fresh oranges	RDF #6
grapefruit peel			8 (from open literature)	PB	from fresh oranges	RDF #6
grapefruit juice			1.0 from OJ	B	from orange juice	RDF #73

Commodity	Tolerance (ppm)	Max % Crop Treated	Processing Factor	Sample Composition (NB, PB or B)	Source of Data for Assessment (PDP, FDA, etc)	Data Entered into Assessment
kumquats	1.0	32	N/A	PB	from fresh oranges	RDF #7
lemons, fresh peeled fruit	1.0	43	N/A	NB	from fresh oranges	RDF #8
lemons, canned/frozen			DEEM default = 1	PB	from fresh oranges	RDF #9
lemon, peel, fresh or cooked			15 (from open literature)	PB	from fresh oranges	RDF #9
lemon, peel, canned/frozen			15 (from oranges)	PB	from fresh oranges	RDF #9
lemons, juice			1.0 from OJ	PB	from orange juice	RDF #71
limes, fresh peeled fruit	1.0	32	N/A	NB	from fresh oranges	RDF #3
limes, peel			15 (from oranges)	PB	from fresh oranges	RDF #7
limes, juice			1.0 from OJ	PB	from orange juice	RDF #72
oranges, fresh peeled fruit	1.0	54	N/A	NB	PDP, oranges for eating fresh	RDF #10
oranges, cooked		10	DEEM default = 1	NB	PDP, oranges for eating fresh	RDF #10
oranges, canned/frozen		10	DEEM default = 1	PB	PDP, oranges for processing	RDF #11
orange peel, fresh		54, 10	15 (from open literature)	PB	from fresh oranges	RDF #11
orange peel, cooked		54, 10	15 (from open literature)	PB	from fresh oranges	RDF #11
orange peel, canned/frozen		54, 10	15 (from open literature)	PB	from oranges for processing	RDF #11
orange juice		10	direct NFS	PB	NFS	RDF #12
tangelos	1.0	32	N/A	NB	from fresh oranges	RDF #3

Commodity	Tolerance (ppm)	Max % Crop Treated	Processing Factor	Sample Composition (NB, PB or B)	Source of Data for Assessment (PDP, FDA, etc)	Data Entered into Assessment
tangerines, fresh peeled fruit	1.0	32	N/A	NB	from fresh oranges	RDF #3
tangerines, canned/frozen			DEEM default = 1	PB	from oranges for processing	RDF #7
tangerine juice		32	1.0 from OJ	PB	from orange juice	RDF #72
Almonds, fresh/cooked/dried/frozen	0.2	29	all FF 1.0	PB	Field Trial	RDF #13
filberts, fresh/cooked	0.2	9	all FF 1.0	PB	from almonds and walnuts	RDF #14
pecans, fresh/cooked	0.2	36	N/A	PB	from almonds and walnuts	RDF #15
walnuts, fresh/cooked	0.2	39	all FF 1.0	PB	Field Trial	RDF #16
Macadamia nuts, fresh/cooked	0.2	9	all FF 1.0	PB	from almonds and walnuts	RDF #14
apples, fresh	1.5 ppm	53	N/A	NB	PDP, single serving and decomposed	RDF #17
file #2 apples, fresh NFS market basket					NFS	RDF #17 (regappledect runc.rdf)
apples, cooked, except boiled			DEEM default = 1	NB	from fresh apples. 0.15x peeling factor	RDF #17
apples, boiled				PB	NFS - apple sauce	RDF #60
apples, canned/frozen			DEEM default = 1	PB	NFS - apple sauce	RDF #60
fresh apples, dried			DEEM default = 8.0	B	from fresh apples	0.00656 ppm
apples, dried		53	DEEM default = 8.0	PB	from fresh apples	RDF #60
file #2 apples, dried NFS market basket			DEEM default = 8.0	PB	from fresh apples	RDF #60 (APPLEPBR MB)
apple juice			Direct Monitoring	PB	NFS	RDF #18

Commodity	Tolerance (ppm)	Max % Crop Treated	Processing Factor	Sample Composition (NB, PB or B)	Source of Data for Assessment (PDP, FDA, etc)	Data Entered into Assessment
pears, fresh	0.05	23	N/A	NB	PDP (single fruits analyzed)	RDF #19
pears, canned/frozen			DEEM default = 1	PB	PDP	RDF #20
pears, dried			DEEM default = 6.25	PB	from the fresh pears	RDF #20
cherries, fresh	1.0	24	N/A	PB	FDA, sweet cherries	RDF #21
cherries, cooked		14	DEEM default = 1	PB	from fresh, sweet cherries	RDF #21
cherries, canned/frozen		14	DEEM default = 1	PB	from fresh, tart cherries	RDF #22
cherries, dried		14	DEEM default = 4.0	PB	from fresh, tart cherries	RDF #22
cherry juice		14	grape juice factor = 0.3	PB	from fresh, tart cherries	RDF # 22
nectarines	0.05	11	N/A	NB	from fresh peaches	RDF #23
peaches, fresh	0.05	17	N/A	NB	PDP	RDF #24
peaches, cooked			DEEM default = 1	NB	PDP	RDF #24
peaches, canned/frozen			DEEM default = 1	PB	PDP	RDF #25
peaches, dried			DEEM default = 7.0	PB	from fresh peaches	RDF #70
peach juice			0.3 from grapes		from fresh peaches	RDF #70
plums, fresh	0.05	6	N/A	NB	from fresh peaches	RDF #26
plums, cooked			DEEM default = 1	NB	from fresh peaches	RDF #26
plums, canned/frozen			DEEM default = 1	PB	from fresh peaches	RDF #27

Commodity	Tolerance (ppm)	Max % Crop Treated	Processing Factor	Sample Composition (NB, PB or B)	Source of Data for Assessment (PDP, FDA, etc)	Data Entered into Assessment
prunes (dried plums)			DEEM default = 5.0	PB	from fresh peaches	RDF #27
plum/prune juice			DEEM default = 1.4	PB	from fresh peaches	RDF #27
figs	0.01	1	N/A	PB	tolerance x %CT	RDF # 67
kiwi, fresh	2.0		0.15 X peeling factor	NB	from FDA	RDF #29
kiwi, canned/frozen				PB	from fresh kiwi	RDF #29
cucumbers, fresh	0.05	1	N/A	NB	FDA	RDF #30
cucumbers, cooked			DEEM default = 1	NB	from fresh cucumbers	RDF #30
cucumbers, canned/pickled			DEEM default = 1	PB	from fresh cucumbers	RDF #30
pumpkins, fresh	0.05	1	N/A	NB	from fresh cucumbers	RDF #31
pumpkins, cooked			DEEM default = 1	NB	from fresh cucumbers	RDF #31
pumpkins, canned	not a RAC		DEEM default = 1	PB	from fresh cucumbers	RDF #31
peppers, fresh sweet	1.0	3	N/A	NB	FDA	RDF #32
peppers, cooked/processed sweet	not a RAC		DEEM default = 1	PB	from bell peppers	RDF #32
peppers, fresh hot	1.0		N/A	NB	from bell peppers	RDF #32
peppers, hot, cooked			DEEM default = 1	NB	from bell peppers	RDF #32
peppers, hot, canned/frozen/ pickled			DEEM default = 1	PB	from bell peppers	RDF #32
peppers, other	1.0		N/A	NB	from bell peppers	RDF #32
tomatoes, fresh	1.0	3 (US) 26 (Import)	N/A	NB	PDP	RDF #33

Commodity	Tolerance (ppm)	Max % Crop Treated	Processing Factor	Sample Composition (NB, PB or B)	Source of Data for Assessment (PDP, FDA, etc)	Data Entered into Assessment
tomatoes, whole cooked			DEEM default = 1	NB	from fresh tomatoes	RDF #33
tomatoes, whole canned/frozen			DEEM default = 1	PB	from fresh tomatoes	RDF #34
tomato juice			0.03 (prior EPA PF)	PB	from fresh tomatoes	RDF #34
tomato, puree			0.1 (prior EPA PF)	PB	from fresh tomatoes	RDF #34
tomato, paste			0.1 (prior EPA PF)	PB	from fresh tomatoes	RDF #34
tomato, catsup			0.1 (prior EPA PF)	PB	from fresh tomatoes	RDF #34
broccoli, fresh	1.0	51	N/A	NB	PDP	RDF #36
broccoli, cooked			DEEM default = 1	NB	from broccoli	RDF #36
broccoli, canned/frozen			DEEM default = 1	PB	from broccoli	RDF #36
Brussels sprout	1.0	91	N/A	PB	FDA	RDF #37
cabbage, fresh	1.0		N/A	NB	FDA	RDF #38
cabbage, cooked			DEEM default = 1	NB	from fresh cabbage	RDF #38
cabbage, canned/cured			DEEM default = 1	PB	from fresh cabbage	RDF #38
cauliflower, fresh	1.0	36	N/A	NB	FDA	RDF #39
cauliflower, cooked			DEEM default = 1	NB	from cauliflower	RDF #39
cauliflower, frozen			DEEM default = 1	NB	from cauliflower	RDF #39
collards, fresh	1.0	13	N/A	NB	FDA	RDF #40
collards, cooked			DEEM default = 1	NB	from collards	RDF #40
collards, canned/frozen			DEEM default = 1	PB	from collards	RDF #40
kale, fresh	1.0	1	N/A	NB	FDA	RDF #41
kale, cooked			DEEM default = 1	NB	from kale	RDF #41

Commodity	Tolerance (ppm)	Max % Crop Treated	Processing Factor	Sample Composition (NB, PB or B)	Source of Data for Assessment (PDP, FDA, etc)	Data Entered into Assessment
kale, canned			DEEM default = 1	PB	from kale	RDF #41
kohlrabi	1.0	1	N/A	NB	from collards	RDF #42
mustard greens	1.0	1	N/A	NB	from collards	RDF #43
turnip greens	0.3	19	N/A	PB	from collards	RDF #35
grape leaves		1	N/A	PB	from grapes	RDF #2
onions, dry bulb, fresh	0.5	19	N/A	NB	FDA	RDF #45
onions, dry bulb, cooked			DEEM default = 1	NB	from fresh onions	RDF #45
onions, dry bulb, canned/frozen			DEEM default = 1	PB	from fresh onions	RDF #45
onions, dried			DEEM default = 9.0	B	from fresh onions RDF	0.000028 ppm
radishes (roots)	2.0	19	N/A	PB	from sweet potatoes	RDF #46
radish greens		19	N/A	PB	from collards	RDF #35
rutabagas (roots)	0.5	19	N/A	NB	from sweet potatoes	RDF #44
sweet potato, fresh	0.05	19	N/A	NB	PDP	RDF #44
sweet potato, cooked			DEEM default = 1	NB	from sweet potatoes	RDF #44
sweet potato, canned/frozen			0.15 apple peeling factor	PB	from sweet potatoes	RDF #63
turnips (roots)	1.0	19	N/A	NB	from sweet potatoes	RDF #44
beans, dried	0.05	1	N/A	B	tolerance x %CT	0.0005 ppm
dried beans, cooked/processed		1	DEEM default = 1	B	tolerance x %CT	0.0005 ppm
beans, succulent	0.05	1	N/A	PB	PDP	RDF #48
succulent beans, cooked/processed		1	DEEM default = 1	PB	PDP	RDF #48
succulent broad beans	0.05	1	N/A	NB	from green beans	RDF #48

Commodity	Tolerance (ppm)	Max % Crop Treated	Processing Factor	Sample Composition (NB, PB or B)	Source of Data for Assessment (PDP, FDA, etc)	Data Entered into Assessment
dried peas	0.05	1	N/A	B	tolerance x %CT	0.0005 ppm
dried peas, cooked/processed		1	DEEM default = 1	B	tolerance x %CT	0.0005 ppm
sweet peas, fresh	0.05	1	N/A	PB	FDA	RDF #51
sweet peas, cooked			DEEM default = 1	PB	PDP	RDF #51
sweet peas, canned/frozen			DEEM default = 1	PB	PDP	RDF #51
lentils, cooked	0.05	1	N/A	B	from dried beans	0.0005
mung bean sprouts	0.05	1	N/A	N	from fresh green beans	0.0005
beans, unspecified	0.05	1	N/A	NB	from fresh green beans	RDF #48
soybean sprouts	0.3	1	DEEM default = 0.33	B	from soybean grain	0.000320
asparagus, fresh	0.3	12	N/A	NB	FDA	RDF #52
asparagus, cooked			DEEM default = 1	NB	from asparagus	RDF #52
asparagus, canned/frozen			DEEM default = 1	PB	from asparagus	RDF #52
corn grain	0.05	8	0.22 (from open literature)	B	field trials	0.00088 ppm
corn grain, cooked/processed			0.22 (from open literature)	B	from corn grain	0.00088 ppm
corn grain bran			DEEM default = 1	B	from corn grain	0.00088 ppm
corn grain sugar			0.05 (prior EPA PF)	B	from corn grain	0.00088 ppm
wheat grain	0.5	1	N/A	B	FDA	RDF #53
wheat grain, cooked/processed			DEEM default = 1	B	from wheat grain	RDF #53
wheat bran			DEEM default = 1	B	from wheat grain	RDF #53

Commodity	Tolerance (ppm)	Max % Crop Treated	Processing Factor	Sample Composition (NB, PB or B)	Source of Data for Assessment (PDP, FDA, etc)	Data Entered into Assessment
wheat flour		0.145 (prior EPA PF)	B	PDP	RDF #53	
wheat flour, cooked/processed			B	from wheat flour	RDF #53	
sugar beets (roots)	1.0	10	0.1 (from open literature)	B	from sweet potatoes	0.00063 ppm
corn oil		8	processing study 4.5	B	from corn grain	0.000880 ppm
cottonseed oil		6 % of RAC cotton	processing study 0.375	B	1995 AR	0.0072 ppm
peanut oil			processing study 2.0	B	1995 AR	0.0010 ppm
sunflower oil			processing study 1.0	B	1995 AR	0.00046 ppm
soybean oil			processing study 0.14	B	1995 AR	0.00032 ppm
soybean, other		1		B	from soybeans	0.00032 ppm
soybeans (seeds), fresh	0.3	1	N/A	B	field trials	0.00032 ppm
soybean (seeds) cooked/processed			DEEM default = 1	B	from soybeans	0.00032 ppm
soybean flour, full fat			DEEM default = 1	B	from soybeans	0.00032 ppm
soybean flour, low fat			DEEM default = 1	B	from soybeans	0.00032 ppm
soybean flour, defatted			DEEM = 1 default	B	from soybeans	0.00032 ppm
peppermint oil		27% of RAC mint	processing study 10	B	field trial	2.16 ppm
spearmint oil		27% of RAC mint	processing study 10	B	field trial	2.16 ppm
grapes, wine			0.02 (from open literature)	PB	from grapes	RDF #2

Commodity	Tolerance (ppm)	Max % Crop Treated	Processing Factor	Sample Composition (NB, PB or B)	Source of Data for Assessment (PDP, FDA, etc)	Data Entered into Assessment
gelatin			DEEM default = 1	B	from beef	0.00108 ppm
beef products and byproducts	0.05		N/A	NB	Registrant's market basket for ground beef	RDF #56
beef fat	0.3		N/A	NB	from beef	RDF #56
goat products and byproducts	0.05		N/A	NB	from beef	RDF #56
goat fat	0.3		N/A	NB	from beef	RDF #56
horsemeat	0.05		N/A	NB	from beef	RDF #56
sheep products and byproducts	0.05		N/A	NB	from beef	RDF #56
sheep fat	0.3		N/A	NB	from beef	RDF #56
pork products and byproducts	0.05		N/A	NB	from beef	RDF #57
pork fat	0.2		N/A	NB	Registrants market basket for pork sausage	RDF #57
poultry products and byproducts	0.1		N/A	NB	calculated AR	RDF #47
poultry fat			N/A	NB	AR	RDF #61
chicken products and byproducts	0.05		N/A	NB	AR	RDF #47
chicken fat			N/A	NB	AR	RDF #61
turkey products and byproducts	0.1		N/A	NB	AR	RDF #47
turkey fat	0.05		N/A	NB	AR	RDF #61
eggs, whole	0.01		N/A	NB	AR	RDF# 64
egg whites			N/A	B	AR	RDF# 64
egg yolks			N/A	B	AR	RDF# 64
apple juice concentrate			DEEM default = 3.0	PB	from apple juice	RDF #18
bananas and plantains	0.01 in pulp	14%	N/A	NB	PDP	RDF #28

Commodity	Tolerance (ppm)	Max % Crop Treated	Processing Factor	Sample Composition (NB, PB or B)	Source of Data for Assessment (PDP, FDA, etc)	Data Entered into Assessment
banana juice			DEEM default = 1	PB	from bananas	RDF #28
savoy cabbage	1.0		N/A	NB	from cabbage	RDF #38
corn grain sugar			0.05 (prior EPA PF)	B	from corn grain	0.00088 ppm
cranberry juice concentrate			DEEM ratio = 1	PB	from fresh cranberries	RDF #1
grape juice concentrate			DEEM ratio = 0.9	PB	from fresh grapes	RDF #2
peach juice			DEEM default	PB	from fresh peach	RDF 70
peanuts, butter			use NFS data directly	PB	NFS	RDF #66
pear juice			DEEM default	PB	from fresh pears	RDF #20
Japanese radishes	2.0	19	N/A	NB	from sweet potato	RDF #46
snowpeas	0.05	1	N/A	PB	from succulent beans	RDF #48
strawberry juice			grape juice factor = 0.3	PB	from strawberry	RDF # 4
sunflower seeds	0.25	1	N/A	PB	field trials	RDF #69
sweet potato leaves		19	N/A	NB	from collards	RDF #35
tangerine juice concentrate			DEEM ratio = 3.2	PB	from orange juice	RDF #72
tomatoes, dried			14.3	PB	from tomatoes	RDF #34
walnut oil			DEEM default = 1	B	from almonds and walnuts	0.0195
wheat germ oil			DEEM default = 1	B	from wheat grain	RDF #53
grapefruit juice concentrate			DEEM ratio = 3.93	PB	from orange juice	RDF #73
lemon juice concentrate			DEEM ratio = 5.7	PB	from orange juice	RDF #71

Commodity	Tolerance (ppm)	Max % Crop Treated	Processing Factor	Sample Composition (NB, PB or B)	Source of Data for Assessment (PDP, FDA, etc)	Data Entered into Assessment
lime juice concentrate			DEEM ratio = 3.0	PB	from orange juice	RDF #72
grapefruit peel			N/A	PB	from fresh oranges	RDF #6
Chinese broccoli	1.0	51	N/A	NB	from broccoli	RDF #36
bok choi	1.0		N/A	NB	FDA	RDF #59
soy protein isolate			DEEM default = 1	B	from soybeans	0.00032 ppm
soy protein isolate, further cooked/processed			DEEM default =1	B	from soybeans	0.00032
radishes oriental	2.0	19	N/A	NB	from sweet potatoes	RDF #46
peanuts, hulled	0.2	15	N/A	PB	FDA	RDF #58
peanuts, cooked/frozen			DEEM default	PB	from peanuts	RDF #58

Results/Discussion

At the 99.9th percentile exposure, risk estimates based on the PDP single apple data, the decomposed PDP apple data, and/or the decomposed NFS apple data, were greater than 100% of the acute Population Adjusted Dose for the following population subgroups: all infants less than one-year old; children 1-6 years old; and children 7-12 years old. Children 1-6 years old were the most highly exposed population subgroup, regardless of which data set is used for fresh apples. For children 1-6 years old, risk estimates ranged from 176% to 364% of the aPAD depending on which fresh apple data set was used. Use of PDP's 1999 single apple data resulted in the highest exposure estimates. Use of the decomposed NFS fresh apple data resulted in the lowest exposure estimates.

Because the PDP single apple data are the most recent and do not require decomposing, these data are expected to provide the most reliable exposure and risk estimates. However, no matter which of the three data sets is used for fresh apples, the critical exposure commodity (CEC) analysis indicated that residues on fresh apples were the major contributor to dietary exposure estimates for children 1-6 years old at the 99.9th percentile exposure. Residues on whole tomatoes and grapes were the next major contributors to exposure.

Table 17. Acute Dietary Exposure and Risk Estimates for Various Sub-Populations. Uses PDP single apple analysis data (from 1999).

POPULATION	95% EXPOSURE		99% EXPOSURE		99.9% EXPOSURE	
	mg/kg/day	percent of aPAD	mg/kg/day	percent of aPAD	mg/kg/day	Percent of aPAD
U. S. Population	0.000023	0.5	0.000115	2.3	0.000798	16.0
All Infants	0.000023	4.6	0.000094	18.8	0.000700	140
Nursing Infants	0.000012	2.5	0.000138	27.6	0.001785	357
Non-nursing Infants	0.000026	5.1	0.000094	18.8	0.000459	91.8
Children 1 - 6 years old	0.000053	10.5	0.000245	48.9	0.001822	364
Children 7 - 12 years old	0.000038	7.7	0.000195	38.9	0.001335	267
Females 13+/preg./not nsg	0.000019	3.8	0.000113	22.6	0.000788	158
Females 13+/nursing	0.000029	5.8	0.000140	28.1	0.000788	158
Females 13 - 19	0.000015	2.9	0.000073	14.7	0.000582	116
Females 20+	0.000017	3.5	0.000097	19.5	0.000659	132
Females 13 - 50 years old	0.000016	3.3	0.000091	18.2	0.000631	126
Males 13 - 19 years old	0.000016	0.3	0.000081	1.6	0.000502	10.0
Males 20+	0.000015	0.3	0.000085	1.7	0.000587	11.7
Seniors	0.000019	0.4	0.000101	2.0	0.000654	13.1

Table 18. Acute Dietary Exposure and Risk Estimates for Various Sub-Populations.
Uses PDP decomposed apple data (1994-1997).

POPULATION	95% EXPOSURE ^a		99% EXPOSURE		99.9% EXPOSURE	
	mg/kg/day	percent of aPAD	mg/kg/day	percent of aPAD	mg/kg/day	Percent of aPAD
U. S. Population	0.000022	0.4	0.000095	1.9	0.000604	12.0
All Infants	0.000023	4.6	0.000094	18.7	0.000586	117
Nursing Infants	0.000012	2.5	0.000084	16.9	0.001127	225
Non-nursing Infants	0.000026	5.1	0.000094	18.8	0.000459	91.8
Children 1 - 6 years old	0.000049	9.9	0.000186	37.3	0.001260	252
Children 7 - 12 years old	0.000035	7.0	0.000139	27.8	0.000916	183
Females 13+/preg./not nsg	0.000017	3.5	0.000081	16.2	0.000563	113
Females 13+/nursing	0.000027	5.5	0.000115	23.0	0.000555	111
Females 13 - 19	0.000014	2.8	0.000060	11.9	0.000411	82.3
Females 20+	0.000016	3.3	0.000080	16.0	0.000524	105
Females 13 - 50 years old	0.000016	3.1	0.000074	14.8	0.000480	96.0
Males 13 - 19 years old	0.000015	0.3	0.000077	1.5	0.000375	7.5
Males 20+	0.000014	0.3	0.000070	1.4	0.000459	9.2
Seniors	0.000017	0.4	0.000083	1.7	0.000528	10.5

Table 19 summarizes the exposure and risk assessment using decomposed NFS data for apples (Fall 1993 - Fall 1994). Dietary risk estimates at the 99.9th percentile exposure using these NFS data for fresh apples yield lower estimates of exposure for all population subgroups. The US General Population is below 100% of the aPAD when this data set is used, however, all infants, children 1-6 and children 7-12 still exceed 100% of the aPAD.

Table 19. Exposure and Risk Estimates for Various Sub-Populations Using NFS Data for Fresh Apples

POPULATION	95% EXPOSURE		99% EXPOSURE		99.9% EXPOSURE	
	mgs/kg/day	percent of aPAD	mgs/kg/day	percent of aPAD	mgs/kg/day	Percent of aPAD
U. S. Population	0.000020	0.4	0.000085	1.7	0.000455	9.1
All Infants	0.000022	4.5	0.000094	18.7	0.000547	109
Nursing Infants	0.000010	2.0	0.000076	15.1	0.000855	171
Non-nursing Infants	0.000026	5.1	0.000094	18.8	0.000459	91.7
Children 1 - 6 years old	0.000047	9.5	0.000166	33.2	0.000879	176
Children 7 - 12 years old	0.000032	6.5	0.000120	24.1	0.000582	116
Females 13+/preg./not nsg	0.000016	3.2	0.000066	13.1	0.000376	75.1
Females 13+/nursing	0.000025	5.1	0.000101	20.3	0.000547	91.4
Females 13 - 19	0.000014	2.7	0.000055	10.9	0.000307	61.4
Females 20+	0.000016	3.1	0.000070	14.0	0.000410	82.0
Females 13 - 50 years old	0.000015	3.0	0.000065	13.0	0.000374	74.8
Males 13 - 19 years old	0.000015	0.3	0.000075	1.5	0.000287	5.7
Males 20+	0.000014	0.3	0.000062	1.2	0.000360	7.2
Seniors	0.000017	0.3	0.000072	1.4	0.000407	8.1

Table 20 shows the exposure and risk estimates for various sub-populations when non-detected residues in all files are assumed to be at zero instead of $\frac{1}{2}$ LOD. Substituting zero residue for samples with non-detectable residues did not result in risk estimates that differ significantly from those presented in Table 17. This demonstrates that non-detectable residues are not contributing significantly to the risk

Table 20. Exposure and Risk Estimates for Various Sub-Populations When All Residues at $\frac{1}{2}$ LOD in all files are Assumed to be at Zero, Using the PDP 1999 Single Apple Data for Fresh Apples.

POPULATION	95% EXPOSURE		99% EXPOSURE		99.9% EXPOSURE	
	mgs/kg/day	percent of aPAD	mgs/kg/day	percent of aPAD	mgs/kg/day	Percent of aPAD
U. S. Population	0.000019	0.4	0.000112	2.3	0.000790	15.8
All Infants	0.000013	2.5	0.000065	13.0	0.000645	129
Nursing Infants	0.000010	2.0	0.000068	13.7	0.001148	230
Non-nursing Infants	0.000014	2.7	0.000065	13.1	0.000482	96.4
Children 1 - 6 years old	0.000048	9.6	0.000240	48.1	0.001808	362
Children 7 - 12 years old	0.000034	6.9	0.000194	38.9	0.001357	272
Females 13+/preg./not nsg	0.000016	3.2	0.000111	22.2	0.000780	156
Females 13+/nursing	0.000025	5.0	0.000139	27.8	0.000795	159
Females 13 - 19	0.000012	2.5	0.000072	14.4	0.000548	110
Females 20+	0.000015	3.1	0.000095	19.0	0.000660	132
Females 13 - 50 years old	0.000014	2.9	0.000089	17.8	0.000633	127
Males 13 - 19 years old	0.000013	0.3	0.000077	1.5	0.000503	10.1
Males 20+	0.000013	0.3	0.000083	1.7	0.000577	11.5
Seniors	0.000016	0.3	0.000098	2.0	0.000640	12.8

Table 21 summarizes the exposure and risk estimates for various sub-populations when violative residues on carrots, spinach and squash are added into the exposure analysis. Chlorpyrifos is not registered for use on these crops. No tolerances have been established for carrots, squash, and/or spinach. These residues may represent misuse of chlorpyrifos or they may have resulted from spray drift.

Table 21. Exposure and Risk Estimates for Various Sub-Populations When Violative Residues on Carrots, Squash and Spinach are Included in the Exposure Assessment, Using the Single Apple Data for Fresh Apples

POPULATION	95% EXPOSURE		99% EXPOSURE		99.9% EXPOSURE	
	mgs/kg/day	percent of aPAD	mgs/kg/day	percent of aPAD	mgs/kg/day	Percent of aPAD
U. S. Population	0.000023	0.5	0.000115	2.3	0.000789	15.8
All Infants	0.000024	4.8	0.000095	19.0	0.000647	129
Nursing Infants	0.000012	2.5	0.000148	30.0	0.001548	310
Non-nursing Infants	0.000026	5.2	0.000094	18.8	0.000457	91.4
Children 1 - 6 years old	0.000053	10.6	0.000247	49.4	0.001804	361
Children 7 - 12 years old	0.000039	7.7	0.000197	39.5	0.001347	269
Females 13+/preg./not nsg	0.000019	3.9	0.000112	22.4	0.000794	159
Females 13+/nursing	0.000030	6.0	0.000144	28.8	0.000778	156
Females 13 - 19	0.000015	2.9	0.000074	14.8	0.000589	118
Females 20+	0.000017	3.5	0.000097	19.4	0.000656	131
Females 13 - 50 years old	0.000017	3.3	0.000091	18.3	0.000632	126
Males 13 - 19 years old	0.000016	0.3	0.000081	1.6	0.000522	10.4
Males 20+	0.000015	0.3	0.000085	1.7	0.000587	11.7
Seniors	0.000019	0.4	0.000100	2.0	0.000643	12.9

List of Attachments

Attachment 1: FDA Total Diet Study, Summary of Chlorpyrifos Residues Found, Market Basket Surveys From 1991-3rd Quarter to 1997-1st Quarter

Attachment 2: BEAD Quantitative Usage Analysis (QUA)

Attachment 3: Dietary Exposure Estimates

Attachment 4: Dietary Exposure DEEM Files

Attachment 5: RDF Files

cc:RRB3RF;D. Soderberg; S. Knizner;7509c:RRB3 D.Soderberg:CM-2:821D:308-4137

Attachment 1: FDA Total Diet Study, Summary of Chlorpyrifos Residues Found, Market Basket Surveys From 1991-3rd Quarter to 1997-1st Quarter - A total of 18 market basket surveys were conducted over this time period.

chlorpyrifos

<u>Residue Item# Description</u>	<u>n</u>	Chlorpyrifos Residues Found, ppm		
		<u>Mean</u>	<u>Min</u>	<u>Max</u>
007 choc. milk shake, fast-food	1	0.002	0.002	0.002
018 pork chop, pan-cooked	1	0.002	0.002	0.002
022 lamb chop, pan-cooked	1	0.006	0.006	0.006
034 fish sticks, frozen, heated	2	0.001	0.0009	0.001
047 peanut butter, smooth	17	0.0047	0.003	0.007
048 peanuts, dry roasted	17	0.0045	0.002	0.011
051 oatmeal, cooked	4	0.0063	0.002	0.014
057 popcorn, popped in oil	2	0.01	0.002	0.018
058 white bread	4	0.0011	0.0005	0.002
059 white roll	5	0.0014	0.0009	0.003
060 cornbread, homemade	2	0.0004	0.0002	0.0005
061 biscuit, baked	3	0.0009	0.0007	0.001
062 whole wheat bread	9	0.0014	0.0006	0.002
063 tortilla, flour	4	0.0007	0.0005	0.001
064 rye bread	6	0.001	0.001	0.001
065 blueberry muffin	2	0.0055	0.001	0.01
066 saltine crackers	5	0.001	0.0006	0.002
067 corn chips	1	0.003	0.003	0.003
068 pancake from mix	3	0.0008	0.0005	0.001
069 egg noodles, boiled	6	0.002	0.001	0.005
070 macaroni, boiled	2	0.001	0.001	0.001
072 fruit-flavored cereal	5	0.0014	0.001	0.002
073 shredded wheat cereal	6	0.0014	0.0006	0.004
074 raisin bran cereal	4	0.0015	0.0009	0.002
076 granola cereal	8	0.0013	0.0003	0.002
077 oat ring cereal	4	0.0685	0.001	0.128
078 apple, red, raw	14	0.012	0.001	0.103
079 orange, raw	7	0.002	0.0009	0.003
083 peach, raw	9	0.0056	0.0007	0.018
084 applesauce, bottled	3	0.0008	0.0007	0.001
085 pear, raw	1	0.001	0.001	0.001
087 fruit cocktail, canned	1	0.001	0.001	0.001
088 grapes, seedless, raw	5	0.0115	0.0007	0.053
089 cantaloupe, raw	1	0.001	0.001	0.001
091 plums, raw	9	0.0015	0.0004	0.004
094 sweet cherries, raw	2	0.002	0.0009	0.003
095 raisins, dried	4	0.0013	0.001	0.002
096 prunes, dried	3	0.001	0.001	0.001
098 orange juice, from conc.	2	0.001	0.001	0.001
107 spinach, boiled	10	0.0019	0.0009	0.004
108 collards, boiled	3	0.0033	0.001	0.007
111 coleslaw with dressing	1	0.0004	0.0004	0.0004
113 broccoli, boiled	5	0.0035	0.0006	0.011
<u>Residue Item# Description</u>	<u>n</u>	Chlorpyrifos Residues found, ppm		
		<u>Mean</u>	<u>Min</u>	<u>Max</u>
115 asparagus, boiled	1	0.001	0.001	0.001

117 tomato, red, raw	8	0.0036	0.001	0.007
125 green pepper, raw	5	0.0154	0.001	0.041
126 winter squash, baked	1	0.002	0.002	0.002
132 radish, raw	3	0.004	0.003	0.005
135 mashed potatoes, flakes	1	0.001	0.001	0.001
138 potato chips	1	0.001	0.001	0.001
139 scalloped potatoes	1	0.001	0.001	0.001
146 macaroni and cheese, box	1	0.0007	0.0007	0.0007
147 hamburger, fast-food	4	0.0011	0.0006	0.002
148 meatloaf, homemade	4	0.0009	0.0007	0.001
149 spaghetti, canned	1	0.001	0.001	0.001
151 lasagna with meat	3	0.0008	0.0006	0.001
152 chicken potpie, frozen	1	0.0006	0.0006	0.0006
157 vegetable beef soup, canned	1	0.001	0.001	0.001
160 white sauce, homemade	1	0.001	0.001	0.001
173 tomato catsup	1	0.001	0.001	0.001
178 chocolate cake and icing	5	0.0011	0.0007	0.002
182 sweet roll or Danish	6	0.0016	0.0007	0.004
183 chocolate chip cookies	2	0.0013	0.0006	0.002
185 apple pie	1	0.002	0.002	0.002
187 milk chocolate candy bar	1	0.003	0.003	0.003
225 applesauce, strained/junior	15	0.0041	0.001	0.01
226 peaches, strained/junior	6	0.0012	0.001	0.002
227 pears, strained/junior	2	0.001	0.001	0.001
233 fruit dessert/pudding, strained/junior	5	0.0034	0.001	0.008
241 chicken nuggets, fast-food	1	0.001	0.001	0.001
247 mixed nuts, no peanuts	2	0.002	0.001	0.003
248 cracked wheat bread	6	0.0015	0.0009	0.003
249 bagel, plain	4	0.0013	0.001	0.002
250 English muffin, toasted	1	0.001	0.001	0.001
251 graham crackers	4	0.0007	0.0004	0.001
253 apricot, raw	3	0.0033	0.001	0.006
258 French fries, fast-food	4	0.0011	0.0007	0.002
263 Brussels sprouts, boiled	15	0.0152	0.001	0.148
266 turnip, boiled	9	0.0459	0.003	0.126
269 beef stroganoff	4	0.0011	0.0005	0.002
270 green peppers, stuffed	4	0.0055	0.002	0.013
272 tuna noodle casserole	4	0.001	0.0006	0.002
274 turkey, frozen meal	2	0.0006	0.0005	0.0006
275 cheeseburger, fast-food	6	0.0008	0.0006	0.001
276 fish sandwich, fast-food	7	0.0014	0.0007	0.003
277 frankfurter, fast-food	6	0.001	0.0006	0.002
278 egg/cheese/ham, fast-food	1	0.001	0.001	0.001
279 taco or tostada, carry-out	8	0.0016	0.0001	0.005
280 cheese pizza, carry-out	13	0.0013	0.0006	0.004
281 pepperoni pizza, carry-out	12	0.0015	0.0005	0.005
282 beef chow mein, carry-out	7	0.0019	0.0006	0.003
290 cake doughnuts with icing	9	0.002	0.0005	0.003

Residue Item# Description	Chlorpyrifos Residues Found, ppm			
	n	Mean	Min	Max
291 brownies, commercial	1	0.0009	0.0009	0.0009
292 sugar cookies, commercial	3	0.0008	0.0004	0.001
293 suckers, any flavor	1	0.002	0.002	0.002

294 pretzels, hard, salted	6	0.001	0.0006	0.002
295 chocolate syrup	1	0.0006	0.0006	0.0006
297 sweet cucumber pickles	6	0.0043	0.001	0.015
299 black olives	17	0.0022	0.0006	0.006
301 brown gravy, homemade	1	0.001	0.001	0.001
304 olive or safflower oil	1	0.001	0.001	0.001
312 rice cereal, strained/junior	11	0.0013	0.0006	0.003
317 teething biscuits	<u>3</u>	0.0017	0.001	0.003
Total	468			

Attachment 2. Quantitative Usage Analysis for Chlorpyrifos

Quantitative Usage Analysis for Chlorpyrifos

Case Number: 0100 PC Code: 59101
Date: 3/17/00 Analyst: Tim Kiely

Based on available pesticide survey usage information for the years of 1987 through 1998, an annual estimate of chlorpyrifos' total domestic usage is approximately 20,960,000 pounds active ingredient (a.i.) for 8,027,000 acres treated. Most of the acreage is treated with 2.3 pounds a.i. or less per application and 3.9 pounds a.i. or less per year. Chlorpyrifos is an insecticide with its largest agricultural market in terms of total pounds a.i. allocated to corn (26%). No other crop is treated with more than 3% of the total pounds of chlorpyrifos applied. The largest non-agricultural markets in terms of total pounds of a.i. applied are PCOs, termite control (24%) and turf (12%). Crops with a high percentage of their total U.S. planted acres treated include brussels sprouts (73%), cranberries (46%), apples (44%), broccoli (41%), and cauliflower (31%).

This quantitative usage analysis updates estimates provided in an earlier BEAD usage profile (Grube, 12/96).

U.S. EPA, Quantitative Usage Analysis, Chlorpyrifos, November 24, 1998 (last revised February, 14 2000).

Site	Acres Grown (000)	Acres Treated (000)		% of Crop Treated		LB AI Applied (000)		Average Application Rate			States of Most Usage (% of total lb ai used on this site)
		Wtd Avg	Est Max	Wtd Avg	Est Max	Wtd Avg	Est Max	lb ai/ acre/yr	#appl / yr	lb ai/ A/appl	
Cranberries	35	16	21	46%	60%	26	34	1.63	1.0	1.63	MA NJ WI 94%
Strawberries	50	3	6	6%	12%	8	15	2.53	1.1	2.27	CA NC OR MD MI NY 79%
Citrus, Other /1	51	8	16	16%	32%	12	25	1.48	1.2	1.19	FL CA 81%
Grapefruit	194	23	32	12%	16%	44	65	1.91	1.4	1.35	FL TX 82%
Lemons	63	19	27	30%	43%	55	72	2.89	1.3	2.23	CA AZ 99%
Oranges	867	118	165	14%	19%	460	578	3.90	1.3	2.90	CA FL 96%
Oranges, Fresh	171	70	92	41%	54%	350	442	5.00	1.4	3.57	
Oranges, Processed	696	48	73	7%	10%	110	136	2.29	1.7	1.35	
Apples	572	251	305	44%	53%	550	750	2.19	1.6	1.41	WA MI NY CA VT NC 77%
Figs	16	0*	0*	0%	0%	0*	0*	-	-	-	
Pears	78	10	18	13%	23%	19	37	1.77	1.1	1.68	WA OR CA MI 83%
Nectarines	38	3	4	8%	11%	5	7	1.69	1.0	1.69	
Cherries	128	18	25	14%	19%	34	60	1.85	1.2	1.59	MI OR WA 86%
Peaches	212	23	37	11%	17%	41	52	1.78	1.4	1.25	CA SC GA NJ TX OK 62%
Plums & Prunes	140	7	9	5%	6%	11	20	1.57	1.1	1.47	CA WA OR 82%
Grapes	825	4	6	0%	1%	4	8	0.99	1.1	0.93	AR OH WA MI NC FL 68%
Almonds	429	88	124	20%	29%	185	270	2.10	1.2	1.82	CA 100%
Pecans	488	143	174	29%	36%	240	414	1.68	1.9	0.88	TX GA LA OK 85%
Walnuts	205	62	80	30%	39%	197	230	3.18	1.5	2.09	CA 100%
Nut Trees, Other /2	100	6	9	6%	9%	7	18	1.17	1.2	0.96	
Onions	152	20	29	13%	19%	24	35	1.20	1.0	1.20	OR NY MI NM GA CA 86%
Peppers, Bell	65	1	2	2%	3%	4	8	4.00	3.2	1.25	FL 100%
Kale	6	0	0	0%	0%	0	0	1.00	1.0	1.00	
Mustard	-	-	-	-	-	-	-	-	-	-	

Site	Acres Grown (000)	Acres Treated (000)		% of Crop Treated		LB AI Applied (000)		Average Application Rate			States of Most Usage (% of total lb ai used on this site)
		Wtd Avg	Est Max	Wtd Avg	Est Max	Wtd Avg	Est Max	lb ai/ acre/yr	#appl / yr	lb ai/ A/appl	
Broccoli	111	45	57	41%	51%	73	87	1.62	1.4	1.19	CA 82%
Brussels Sprouts	3	2	3	73%	91%	9	13	3.75	3.5	1.07	CA 100%
Cabbage	85	11	20	13%	23%	10	22	0.91	1.0	0.91	CA FL GA TX WA NY 77%
Cabbage, Chinese	9	0	0	0%	0%	0	0	1.00	1.0	1.00	
Cauliflower	58	18	21	31%	36%	27	38	1.50	1.7	0.87	CA AZ 82%
Collards	11	1	2	12%	13%	1	1	0.42	1.0	0.42	FL AZ NJ 84%
Kohlrabi	-	-	-	-	-	-	-	-	-	-	
Broccoli raab	-	-	-	-	-	-	-	-	-	-	
Cucurbits /3	285	1	3	0%	1%	1	6	1.00	1.4	0.70	NC MI FL CA AZ IA 82%
Asparagus	89	6	11	7%	12%	5	9	0.83	1.0	0.83	WA MI 82%
Roots/Tubers /4	244	33	46	14%	19%	74	86	2.24	1.1	1.96	NC CA MS LA 83%
Sweet Corn	784	86	105	11%	13%	120	192	1.40	1.4	1.03	FL WA WI MN OR NY 69%
Sweet Corn, Fresh	254	46	57	18%	22%	74	120	1.59	2.1	0.76	
Sweet Corn, Processed	530	40	48	7%	9%	46	72	1.17	1.0	1.17	
Tomatoes	500	11	16	2%	3%	35	53	3.18	3.1	1.01	FL 90%
Lentils	131	-	-	-	-	-	-	-	-	-	
Beans/Peas, Green	723	2	4	0%	1%	2	4	1.00	1.0	0.99	OR MD IL WI 87%
Beans/Peas, Dry	2,181	4	6	0%	0%	4	7	1.00	1.0	0.97	MI ND MN CO IL 83%
Sorghum	11,280	210	349	2%	3%	148	239	0.70	1.1	0.62	TX MS KS OK NE LA 76%
Corn	71,264	4,678	6,053	7%	8%	5,527	6,949	1.18	1.1	1.10	IL IA NE IN WI OH 71%
Rice	2,921	1	7	0%	0%	3	14	3.34	1.0	3.34	LA AR 81%
Tobacco	695	73	96	11%	14%	146	197	2.00	1.0	1.96	NC SC VA GA 81%
Wheat, Spring	20,799	29	100	0%	0%	35	90	0.39	1.0	0.39	ND MN 92%

Site	Acres Grown (000)	Acres Treated (000)		% of Crop Treated		LB AI Applied (000)		Average Application Rate			States of Most Usage (% of total lb ai used on this site)
		Wtd Avg	Est Max	Wtd Avg	Est Max	Wtd Avg	Est Max	lb ai/ acre/yr	#appl / yr	lb ai/ A/appl	
Wheat, Winter	43,282	250	400	1%	1%	170	350	0.54	1.2	0.47	TX CO KS WY MT NM 84%
Alfalfa	23,949	675	835	3%	3%	480	700	0.71	1.1	0.67	CA PA MO IL KS CO 55%
Peanuts	1,610	158	240	10%	15%	316	480	2.00	1.1	1.81	GA NC VA AL 85%
Soybeans	61,279	90	150	0%	0%	60	91	0.67	1.0	0.67	IL IA OH SD IN NE 53%
Sunflower	2,745	7	13	0%	0%	5	8	0.71	1.1	0.65	MN CO CA KS 81%
Cotton	12,429	645	806	5%	6%	670	890	1.04	1.7	0.63	AZ MS CA TX LA 84%
Sugar Beets	1,415	118	146	8%	10%	160	307	1.36	1.5	0.88	CA ND MN 86%
Sugarcane	852	0	0	0%	0%	0	0	0.50	1.0	0.50	
Mint	154	29	42	19%	27%	41	66	1.41	1.0	1.41	OR ID IN WA 92%
Bananas	See Below	-	-	-	-	-	-	-	-	-	
Lots/Farmstea ds/etc	24,815	7	14	0%	0%	10	16	1.43	2.2	0.66	FL OK GA KS MS IA 60%
Pasture	86,960	7	12	0%	0%	9	19	1.20	1.6	0.73	TX FL CA 83%
Woodland	62,825	5	9	0%	0%	8	17	1.52	1.6	0.95	GA PA TX FL MI 83%
Nursery/Green house	-	-	-	-	-	277	567	-	-	-	
PCOs, Termite Control /5	-	-	-	-	-	5,003	6,000	-	-	-	
PCOs, other /6	-	-	-	-	-	1,946	3,000	-	-	-	
MADs /7	-	-	-	-	-	29	50	-	-	-	
Turf /8	-	-	-	-	-	2,519	3,000	-	-	-	
Households, Outdoor	-	-	-	-	-	1,112	1,500	-	-	-	

Site	Acres Grown (000)	Acres Treated (000)		% of Crop Treated		LB AI Applied (000)		Average Application Rate		States of Most Usage (% of total lb ai used on this site)
		Wtd Avg	Est Max	Wtd Avg	Est Max	Wtd Avg	Est Max	lb ai/ acre/yr	#appl / yr	
Total, U.S.		8,027	9,341			20,960	24,363			
Millions of Tons										
	Imported	Treated		% Treated						
		Avg	Max	Avg	Max					
Bananas /9	3	0.4	0.5	13%	14%					

COLUMN HEADINGS

Wtd Avg = Weighted average--the most recent years and more reliable data are weighted more heavily.

Est Max = Estimated maximum, which is estimated from available data.

Average application rates are calculated from the weighted averages.

NOTES ON TABLE DATA

Usage data primarily covers 1987 - 1998. Calculations of the above numbers may not appear to agree because they are displayed as rounded to the nearest 1000 for acres treated

or lb. a.i. (Therefore 0 = < 500)

to the nearest whole percentage point for % of crop treated. (Therefore 0% = < 0.5%)

0* = Available EPA sources indicate that no usage is observed in the reported data for this site,
which implies that there is little or no usage.

A dash (-) indicates that information on this site is NOT available in EPA sources or is insufficient.

/1 Citrus, Other includes kumquats, limes, tangelos, and tangerines.

/2 Nut Trees, Other includes chestnuts, filberts (hazelnuts), and macadamia nuts.

/3 Cucurbits includes cucumber, and pumpkin.

/4 Root and Tuber Crops include carrots, radish, rutabagas, sweet potatoes, and turnips.

/5 PCOs, Termite Control: pest control operators, termite control.

/6 PCOs, Other includes use for control of cockroaches, ants, fleas, and other general pests.

/7 MADs: mosquito abatement districts.

/8 Turf includes golf courses, turf farms, institutional turf, lawncare contol operators, and landscape contractors.

/9 The estimates for bananas are based on import data. The two countries indicating a use of chlorpyrifos are Columbia and Honduras.

SOURCES:

EPA proprietary data (Doane Marketing Research, Kline Professional Markets for Pesticides and Fertilizers, Maritz Marketing Research, Mike Buckley and Associates),

National Center for Food and Agricultural Policy,

USDA, NASS, ERS, Agriculture Chemical Usage: Vegetable Summary (1996, 1994),

USDA, NASS, ERS, Agriculture Chemical Usage: Fruits Summary (1997, 1995),

USDA, NASS, ERS, Agriculture Chemical Usage: Field Crops Summary (1997, 1996).

J:\OP docket\chemicals\Chlorpyrifos\acute_dietary_risk

Attachment 3.a. Acute Analysis using PDP Single Apple Data for Fresh Apples

U. S. Environmental Protection Agency
 DEEM ACUTE analysis for CHLORPYRIFOS
 Residue file: cpyacappsskwj.un6.RS7
 Analysis Date: 06-16-2000/09:37:55 Residue file dated: 06-16-2000/08:58:29/8
 Daily totals for food and foodform consumption used.
 MC iterations = 1000 MC list in residue file MC seed = 10
 Run Comment: "EPA analysis; de-composited PDP/FDA (FT)"
 =====

Summary calculations (per capita):

	95th Percentile Exposure	% aRfD	99th Percentile Exposure	% aRfD	99.9th Percentile Exposure	% aRfD
U. S. Population:	0.000023	4.54	0.000115	22.94	0.000798	159.69
All infants:	0.000023	4.59	0.000094	18.82	0.000700	139.94
Nursing infants (<1 yr old):	0.000012	2.46	0.000138	27.61	0.001785	356.91
Non-nursing infants (<1 yr old):	0.000026	5.14	0.000094	18.76	0.000459	91.82
Children 1-6 yrs:	0.000053	10.52	0.000245	48.91	0.001822	364.44
Children 7-12 yrs:	0.000038	7.65	0.000195	38.93	0.001335	266.96
Females 13+ (preg/not nursing):	0.000019	3.81	0.000113	22.64	0.000788	157.68
Females 13+ (nursing):	0.000029	5.83	0.000140	28.07	0.000788	157.67
Females 13-19 (not preg or nursing):	0.000015	2.91	0.000073	14.69	0.000582	116.43
Females 20+ (not preg or nursing):	0.000017	3.47	0.000097	19.48	0.000659	131.84
Females 13-50 yrs:	0.000016	3.29	0.000091	18.22	0.000631	126.25
Males 13-19 yrs:	0.000016	3.15	0.000081	16.13	0.000502	100.33
Males 20+ yrs:	0.000015	3.02	0.000085	17.00	0.000587	117.38
Seniors 55+:	0.000019	3.77	0.000101	20.13	0.000654	130.84

Attachment 3.b. Acute Analysis Using PDP Composite Apple Data for Fresh Apples

U. S. Environmental Protection Agency
 DEEM ACUTE analysis for CHLORPYRIFOS
 Residue file: cpyacpdpj.un6.RS7 Ver. 7.075
 Analysis Date: 06-16-2000/10:02:35 (1989-92 data)
 Adjustment factor #2 NOT used.
 Residue file dated: 06-16-2000/09:00:30/8
 Daily totals for food and foodform consumption used.
 MC iterations = 1000 MC list in residue file MC seed = 10
 Run Comment: "EPA analysis; de-composited PDP/FDA (FT)"
=====

Summary calculations (per capita):

	95th Percentile Exposure	% aRfD	99th Percentile Exposure	% aRfD	99.9th Percentile Exposure	% aRfD
U. S. Population:	0.000022	4.32	0.000095	19.00	0.000604	120.71
All infants:	0.000023	4.64	0.000094	18.73	0.000586	117.10
Nursing infants (<1 yr old):	0.000012	2.46	0.000084	16.89	0.001127	225.49
Non-nursing infants (<1 yr old):	0.000026	5.14	0.000094	18.75	0.000459	91.80
Children 1-6 yrs:	0.000049	9.85	0.000186	37.25	0.001260	252.09
Children 7-12 yrs:	0.000035	6.96	0.000139	27.78	0.000916	183.17
Females 13+ (preg/not nursing):	0.000017	3.48	0.000081	16.16	0.000563	112.60
Females 13+ (nursing):	0.000027	5.47	0.000115	23.01	0.000555	111.07
Females 13-19 (not preg or nursing):	0.000014	2.81	0.000060	11.94	0.000411	82.26
Females 20+ (not preg or nursing):	0.000016	3.26	0.000080	16.02	0.000524	104.82
Females 13-50 yrs:	0.000016	3.11	0.000074	14.75	0.000480	96.03
Males 13-19 yrs:	0.000015	3.06	0.000077	15.37	0.000375	74.97
Males 20+ yrs:	0.000014	2.82	0.000070	14.04	0.000459	91.86
Seniors 55+:	0.000017	3.47	0.000083	16.63	0.000528	105.55

Attachment 3.c. Acute Analysis Using the Registrant's NFS Market Basket Data for Fresh Apples

U. S. Environmental Protection Agency
 DEEM ACUTE analysis for CHLORPYRIFOS
 Residue file: cpyacrmbjun6.RS7
 Analysis Date: 06-16-2000/10: 35: 03 Residue file dated: 06-16-2000/09: 01: 29/8
 Daily totals for food and foodform consumption used.
 MC iterations = 1000 MC list in residue file MC seed = 10
 Run Comment: "EPA analysis; de-composited PDP/FDA (FT)"
 =====

Summary calculations (per capita):

	95th Percentile Exposure	% aRfD	99th Percentile Exposure	% aRfD	99. 9th Percentile Exposure	% aRfD
U. S. Population:	0. 000020	4. 04	0. 000085	17. 02	0. 000455	90. 91
All infants:	0. 000022	4. 46	0. 000094	18. 74	0. 000547	109. 35
Nursing infants (<1 yr old):	0. 000010	2. 03	0. 000076	15. 11	0. 000855	170. 98
Non-nursing infants (<1 yr old):	0. 000026	5. 14	0. 000094	18. 80	0. 000459	91. 71
Children 1-6 yrs:	0. 000047	9. 49	0. 000166	33. 22	0. 000879	175. 78
Children 7-12 yrs:	0. 000032	6. 48	0. 000120	24. 10	0. 000582	116. 43
Females 13+ (preg/not nursing):	0. 000016	3. 21	0. 000066	13. 10	0. 000376	75. 15
Females 13+ (nursing):	0. 000025	5. 05	0. 000101	20. 27	0. 000457	91. 44
Females 13-19 (not preg or nursing):	0. 000014	2. 72	0. 000055	10. 90	0. 000307	61. 35
Females 20+ (not preg or nursing):	0. 000016	3. 14	0. 000070	13. 97	0. 000410	82. 01
Females 13-50 yrs:	0. 000015	3. 02	0. 000065	12. 98	0. 000374	74. 82
Males 13-19 yrs:	0. 000015	2. 92	0. 000075	15. 05	0. 000287	57. 35
Males 20+ yrs:	0. 000014	2. 71	0. 000062	12. 36	0. 000360	72. 07
Seniors 55+:	0. 000017	3. 34	0. 000072	14. 43	0. 000407	81. 33

Attachment 3.d. Acute "sensitivity" analysis with all non-detects set to zero

U.S. Environmental Protection Agency Ver. 7.075
DEEM ACUTE analysis for CHLORPYRIFOS (1989-92 data)
Residue file: cpyacappsszerojun6.RS7 Adjustment factor #2 NOT used.
Analysis Date: 06-16-2000/13:15:55 Residue file dated: 06-16-2000/12:52:07/8
Daily totals for food and foodform consumption used.
MC iterations = 1000 MC list in residue file MC seed = 10
Run Comment: "EPA analysis; de-composited PDP/FDA (FT)"

Summary calculations (per capita):

	95th Percentile	99th Percentile	99.9th Percentile			
	Exposure	% aRfD	Exposure	% aRfD	Exposure	% aRfD
<hr/>						
U.S. Population:						
	0.000019	3.77	0.000112	22.46	0.000790	158.00
All infants:						
	0.000013	2.51	0.000065	13.04	0.000645	129.09
Nursing infants (<1 yr old):						
	0.000010	2.02	0.000068	13.67	0.001148	229.51
Non-nursing infants (<1 yr old):						
	0.000014	2.71	0.000065	13.09	0.000482	96.39
Children 1-6 yrs:						
	0.000048	9.63	0.000240	48.07	0.001808	361.64
Children 7-12 yrs:						
	0.000034	6.89	0.000194	38.86	0.001357	271.47
Females 13+ (preg/not nursing):						
	0.000016	3.21	0.000111	22.16	0.000780	156.02
Females 13+ (nursing):						
	0.000025	5.00	0.000139	27.84	0.000795	158.98
Females 13-19 (not preg or nursing):						
	0.000012	2.45	0.000072	14.44	0.000548	109.59
Females 20+ (not preg or nursing):						
	0.000015	3.06	0.000095	18.96	0.000660	131.91
Females 13-50 yrs:						
	0.000014	2.86	0.000089	17.84	0.000633	126.56
Males 13-19 yrs:						
	0.000013	2.68	0.000077	15.41	0.000503	100.64
Males 20+ yrs:						
	0.000013	2.52	0.000083	16.68	0.000577	115.45
Seniors 55+:						
	0.000016	3.28	0.000098	19.61	0.000640	128.06

Attachment 3.e. Results When Violative Residues on Carrots, Spinach and Squash are Included.

U.S. Environmental Protection Agency Ver. 7.075
DEEM ACUTE analysis for CHLORPYRIFOS (1989-92 data)
Residue file: cpyacappsvioljun6.RS7 Adjustment factor #2 NOT used.
Analysis Date: 06-16-2000/16:15:49 Residue file dated: 06-16-2000/08:59:23/8
Daily totals for food and foodform consumption used.
MC iterations = 1000 MC list in residue file MC seed = 10
Run Comment: "EPA analysis; de-composited PDP/FDA (FT)"

Summary calculations (per capita):

	95th Percentile	99th Percentile	99.9th Percentile			
	Exposure	% aRfD	Exposure	% aRfD	Exposure	% aRfD
U.S. Population:						
	0.000023	4.57	0.000115	23.03	0.000789	157.86
All infants:						
	0.000024	4.77	0.000095	18.99	0.000647	129.38
Nursing infants (<1 yr old):						
	0.000012	2.47	0.000148	29.66	0.001548	309.54
Non-nursing infants (<1 yr old):						
	0.000026	5.24	0.000094	18.77	0.000457	91.44
Children 1-6 yrs:						
	0.000053	10.57	0.000247	49.38	0.001804	360.81
Children 7-12 yrs:						
	0.000039	7.74	0.000197	39.46	0.001347	269.43
Females 13+ (preg/not nursing):						
	0.000019	3.87	0.000112	22.37	0.000794	158.90
Females 13+ (nursing):						
	0.000030	5.95	0.000144	28.79	0.000778	155.66
Females 13-19 (not preg or nursing):						
	0.000015	2.92	0.000074	14.75	0.000589	117.75
Females 20+ (not preg or nursing):						
	0.000017	3.49	0.000097	19.42	0.000656	131.24
Females 13-50 yrs:						
	0.000017	3.30	0.000091	18.25	0.000632	126.33
Males 13-19 yrs:						
	0.000016	3.15	0.000081	16.10	0.000522	104.41
Males 20+ yrs:						
	0.000015	3.03	0.000085	16.96	0.000587	117.35
Seniors 55+:						
	0.000019	3.78	0.000100	19.96	0.000643	128.68

Attachment 4.a. Acute Analysis File Using Single Apple Analyses for Fresh Apples

```
"Chl orpyri fos "
0
NEWMCD, 0.0005
NOEL,          0 0 0
06-16-2000/08:58:29
73
1 6 "CRANBERRY. RDF", 0
2 6 "Cpygrape. rdf", 0
3 6 "recitrusoth. rdf", 0
4 6 "Straw. rdf", 0
5 6 "regrapefruit. rdf", 0
6 6 "CPYGrapeFrui tNBC. RDF", 0
7 6 "CPYCitrusNBC. RDF", 0
8 6 "relemon. rdf", 0
9 6 "CPYlemonNBC. RDF", 0
10 6 "reorange. rdf", 0
11 6 "cpyorangeprocnbc. rdf", 0
12 6 "Juor. rdf", 0
13 6 "cpyalmon. RDF", 0
14 6 "cpynuts. RDF", 0
15 6 "cypypecan. RDF", 0
16 6 "cpywalnu. RDF", 0
17 6 "appssall. rdf", 0
18 6 "regApjui ce2. rdf", 0
19 6 "cypyearsingleneNB. rdf", 0
20 6 "cpyPearNB-C. rdf", 0
21 6 "Cpychers. rdf", 0
22 6 "Cpychert. rdf", 0
23 6 "nectarine2000NB. rdf", 0
24 6 "peach2000NB. rdf", 0
25 6 "peachcan. rdf", 0
26 6 "pl um2000NB. rdf", 0
27 6 "cpypl ummb-c. rdf", 0
28 6 "CPYBANAN. rdf", 0
29 6 "kiwi dec. rdf", 0
30 6 "Cpycucu. rdf", 0
31 6 "Cypyump. rdf", 0
32 6 "Cpybel1p. rdf", 0
33 6 "tomato2000. rdf", 0
34 6 "tomatoproc. rdf", 0
35 6 "cpyrootg. rdf", 0
36 6 "Cpybroccoli. rdf", 0
37 6 "CpyBruss. rdf", 0
38 6 "cypycabbg. rdf", 0
39 6 "cpycaull. rdf", 0
40 6 "cypycol rd. rdf", 0
41 6 "cpykale. rdf", 0
42 6 "cpykohlr. rdf", 0
43 6 "cypyustr. rdf", 0
44 6 "sweetpot2000NB. rdf", 0
45 6 "cpyoni on. RDF", 0
46 6 "radi sh. rdf", 0
47 6 "CPYCHICKEN. RDF", 0
48 6 "CPYGRBEN. rdf", 0
49 6 "cypywcornf. rdf", 0
50 6 "cypywcrp. rdf", 0
51 6 "cypyweetpeas. rdf", 0
52 6 "aspara3000. rdf", 0
53 6 "Cpywhpdp. rdf", 0
54 6 "grbeanproc. rdf", 0
```

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55 6 "CPYMILK.rdf", 0
56 6 "cpyGB.rdf", 0
57 6 "CPYprksa.rdf", 0
58 6 "PEANUT.rdf", 0
59 6 "cpybokch.rdf", 0
60 6 "cpyapplenb-c.rdf", 0
61 6 "CPYCHICKFAT.RDF", 0
62 6 "sweetpot2000PB.rdf", 0
63 6 "Cpyegg.rdf", 0
64 6 "APSAUCEPB.RDF", 0
65 6 "Pbutter.rdf", 0
66 6 "figs.rdf", 0
67 6 "mushroom.rdf", 0
68 6 "sunflower.rdf", 0
69 6 "cpypeachnb-c.rdf", 0
70 6 "Julemon.rdf", 0
71 6 "Jucitrus.rdf", 0
72 6 "Jugrafru.rdf", 0
73 6 "plumcan.rdf", 0
-1 "EPA analysis; de-composited PDP/FDA (FT)"
999 1
8 "01010AA", "0", 0.001 1 1 1 1 6 "Cranberries", ""
 11 Uncooked, 0.001 1 1 1 1 ""
 12 Cooked: NFS, 0.001 1 1 1 1 ""
 13 Baked, 0.001 1 1 1 1 ""
 18 Dried, 0.001 1 1 1 1 ""
 31 Canned: NFS, 0.001 1 1 1 1 ""
 42 Frozen: Cooked, 0.001 1 1 1 1 ""
9 "01010JA", "0", 0.0209 1 1 0.3 0.6 3 "Cranberries-juice", ""
 11 Uncooked, 0.0209 1 1 0.3 0.6 ""
 12 Cooked: NFS, 0.0209 1 1 0.3 0.6 ""
 31 Canned: NFS, 0.0209 1 1 0.3 0.6 ""
13 "01014AA", "0", 0.001 2 1 1 1 4 "Grapes", ""
 11 Uncooked, 0.001 2 1 1 1 ""
 12 Cooked: NFS, 0.001 2 1 1 1 ""
 31 Canned: NFS, 0.001 2 1 1 1 ""
 41 Frozen: NFS, 0.001 2 1 1 1 ""
14 "01014DA", "0", 0.001 2 1 0.17 1 6 "Grapes-raisins", ""
 11 Uncooked, 0.001 2 1 0.17 1 ""
 12 Cooked: NFS, 0.001 2 1 0.17 1 ""
 13 Baked, 0.001 2 1 0.17 1 ""
 14 Boiled, 0.001 2 1 0.17 1 ""
 18 Dried, 0.001 2 1 0.17 1 ""
 42 Frozen: Cooked, 0.001 2 1 0.17 1 ""
15 "01014JA", "0", 0.00272 2 1 0.3 1 6 "Grapes-juice", ""
 11 Uncooked, 0.00272 2 1 0.3 1 ""
 12 Cooked: NFS, 0.00272 2 1 0.3 1 ""
 14 Boiled, 0.00272 2 1 0.3 1 ""
 31 Canned: NFS, 0.00272 2 1 0.3 1 ""
 34 Canned: Boiled, 0.00272 2 1 0.3 1 ""
 41 Frozen: NFS, 0.00272 2 1 0.3 1 ""
17 "01016AA", "0", 0.001 4 1 1 1 7 "Strawberries", ""
 11 Uncooked, 0.001 4 1 1 1 ""
 12 Cooked: NFS, 0.001 4 1 1 1 ""
 13 Baked, 0.001 4 1 1 1 ""
 14 Boiled, 0.001 4 1 1 1 ""
 31 Canned: NFS, 0.001 4 1 1 1 ""
 34 Canned: Boiled, 0.001 4 1 1 1 ""
 41 Frozen: NFS, 0.001 4 1 1 1 ""
20 "02001AA", "10", 0.001 3 1 1 1 2 "Citrus citron", ""
 13 Baked, 0.001 3 1 1 1 ""
 14 Boiled, 0.001 3 1 1 1 ""
22 "02002AB", "10", 0.001 5 1 1 1 3 "Grapefruit-peeled fruit", ""

```

11 Uncooked, 0.001 5 1 1 1 ""
 12 Cooked: NFS, 0.001 5 1 1 1 ""
 31 Canned: NFS, 0.001 6 1 1 1 ""
 23 "02002JA", "10", 0.001 72 1 1 1 2 "Grapefruit-juice", ""
 11 Uncooked, 0.001 72 1 1 1 ""
 31 Canned: NFS, 0.001 72 1 1 1 ""
 24 "02003AA", "10", 0.001 7 1 1 1 0 "Kumquats", ""
 26 "02004AB", "10", 0.001 8 1 1 1 3 "Lemons-peeled fruit", ""
 11 Uncooked, 0.001 8 1 1 1 ""
 12 Cooked: NFS, 0.001 8 1 1 1 ""
 31 Canned: NFS, 0.001 9 1 1 1 ""
 27 "02004HA", "10", 0.001 9 1 15 1 6 "Lemons-peel", ""
 11 Uncooked, 0.001 9 1 15 1 ""
 13 Baked, 0.001 9 1 15 1 ""
 14 Boiled, 0.001 9 1 15 1 ""
 31 Canned: NFS, 0.001 9 1 15 1 ""
 34 Canned: Boiled, 0.001 9 1 15 1 ""
 41 Frozen: NFS, 0.001 9 1 15 1 ""
 28 "02004JA", "10", 0.001 70 1 1 1 10 "Lemons-juice", ""
 11 Uncooked, 0.001 70 1 1 1 ""
 12 Cooked: NFS, 0.001 70 1 1 1 ""
 13 Baked, 0.001 70 1 1 1 ""
 14 Boiled, 0.001 70 1 1 1 ""
 15 Fried, 0.001 70 1 1 1 ""
 31 Canned: NFS, 0.001 70 1 1 1 ""
 32 Canned: Cooked, 0.001 70 1 1 1 ""
 34 Canned: Boiled, 0.001 70 1 1 1 ""
 41 Frozen: NFS, 0.001 70 1 1 1 ""
 42 Frozen: Cooked, 0.001 70 1 1 1 ""
 30 "02005AB", "10", 0.001 3 1 3 1 1 "Limes-peeled fruit", ""
 11 Uncooked, 0.001 3 1 3 1 ""
 31 "02005HA", "10", 0.001 7 1 15 1 2 "Limes-peel", ""
 13 Baked, 0.001 7 1 15 1 ""
 14 Boiled, 0.001 7 1 15 1 ""
 32 "02005JA", "10", 0.001 71 1 1 1 5 "Limes-juice", ""
 11 Uncooked, 0.001 71 1 1 1 ""
 31 Canned: NFS, 0.001 71 1 1 1 ""
 32 Canned: Cooked, 0.001 71 1 1 1 ""
 34 Canned: Boiled, 0.001 71 1 1 1 ""
 41 Frozen: NFS, 0.001 71 1 1 1 ""
 33 "02006JC", "10", 0.001 12 1 3.72 1 0 "Oranges-juice-concentrate", ""
 34 "02006AB", "10", 0.001 10 1 1 1 3 "Oranges-peeled fruit", ""
 11 Uncooked, 0.001 10 1 1 1 ""
 12 Cooked: NFS, 0.001 10 1 1 1 ""
 31 Canned: NFS, 0.001 11 1 1 1 ""
 35 "02006HA", "10", 0.001 11 1 15 1 4 "Oranges-peel", ""
 11 Uncooked, 0.001 11 1 15 1 ""
 12 Cooked: NFS, 0.001 11 1 15 1 ""
 31 Canned: NFS, 0.001 11 1 15 1 ""
 41 Frozen: NFS, 0.001 11 1 15 1 ""
 36 "02006JA", "10", 0.001 12 1 1 1 4 "Oranges-juice", ""
 11 Uncooked, 0.001 12 1 1 1 ""
 12 Cooked: NFS, 0.001 12 1 1 1 ""
 31 Canned: NFS, 0.001 12 1 1 1 ""
 41 Frozen: NFS, 0.001 12 1 1 1 ""
 37 "02007AA", "10", 0.001 3 1 1 1 0 "Tangelos", ""
 38 "02008AA", "10", 0.001 3 1 1 1 3 "Tangerines", ""
 11 Uncooked, 0.001 3 1 1 1 ""
 31 Canned: NFS, 0.001 7 1 1 1 ""
 41 Frozen: NFS, 0.001 7 1 1 1 ""
 39 "02008JA", "10", 0.001 71 1 1 1 0 "Tangerines-juice", ""
 40 "03001AA", "14", 0.001 13 1 1 1 6 "Almonds", ""
 11 Uncooked, 0.001 13 1 1 1 ""

12 Cooked: NFS, 0.001 13 1 1 1 ""
 13 Baked, 0.001 13 1 1 1 ""
 14 Boiled, 0.001 13 1 1 1 ""
 18 Dried, 0.001 13 1 1 1 ""
 41 Frozen: NFS, 0.001 13 1 1 1 ""
 44 "03005AA", "14", 0.001 14 1 1 1 3 "Filberts (hazel nuts)", ""
 11 Uncooked, 0.001 14 1 1 1 ""
 13 Baked, 0.001 14 1 1 1 ""
 14 Boiled, 0.001 14 1 1 1 ""
 46 "03007AA", "14", 0.001 14 1 1 1 0 "Macadamia nuts (bush nuts)", ""
 47 "03008AA", "14", 0.001 15 1 1 1 3 "Pecans", ""
 11 Uncooked, 0.001 15 1 1 1 ""
 13 Baked, 0.001 15 1 1 1 ""
 14 Boiled, 0.001 15 1 1 1 ""
 48 "03009AA", "14", 0.001 16 1 1 1 3 "Walnuts", ""
 11 Uncooked, 0.001 16 1 1 1 ""
 12 Cooked: NFS, 0.001 16 1 1 1 ""
 13 Baked, 0.001 16 1 1 1 ""
 52 "04001AA", "11", 0.001 17 1 1 1 11 "Apples", ""
 11 Uncooked, 0.001 17 1 1 1 ""
 12 Cooked: NFS, 0.001 17 1 0.15 1 ""
 13 Baked, 0.001 17 1 0.15 1 ""
 14 Boiled, 0.001 64 1 1 1 ""
 15 Fried, 0.001 17 1 0.15 1 ""
 18 Dried, 0.00656 0 0 1 1 "blended"
 31 Canned: NFS, 0.001 64 1 1 1 ""
 32 Canned: Cooked, 0.001 64 1 1 1 ""
 33 Canned: Baked, 0.001 64 1 1 1 ""
 34 Canned: Boiled, 0.001 64 1 1 1 ""
 42 Frozen: Cooked, 0.001 64 1 1 1 ""
 53 "04001DA", "11", 0.00656 60 1 1.2 1 4 "Apples-dried", "partially blended, 8x conc X 0.15"
 13 Baked, 0.00656 60 1 1.2 1 "partially blended, 8x conc X 0.15"
 14 Boiled, 0.00656 60 1 1.2 1 "partially blended, 8x conc X 0.15"
 18 Dried, 0.00656 60 1 1.2 1 "partially blended, 8x conc X 0.15"
 42 Frozen: Cooked, 0.00656 60 1 1.2 1 "partially blended, 8x conc X 0.15"
 54 "04001JA", "11", 0.001 18 1 1 1 5 "Apples-juice/cider", ""
 11 Uncooked, 0.001 18 1 1 1 ""
 12 Cooked: NFS, 0.001 18 1 1 1 ""
 14 Boiled, 0.001 18 1 1 1 ""
 31 Canned: NFS, 0.001 18 1 1 1 ""
 41 Frozen: NFS, 0.001 18 1 1 1 ""
 56 "04003AA", "11", 0.001 19 1 1 1 5 "Pears", ""
 11 Uncooked, 0.001 19 1 1 1 ""
 12 Cooked: NFS, 0.001 19 1 0.15 1 ""
 13 Baked, 0.001 19 1 0.15 1 ""
 14 Boiled, 0.001 19 1 0.15 1 ""
 31 Canned: NFS, 0.001 20 1 0.15 1 ""
 57 "04003DA", "11", 0.000965 20 1 0.94 1 3 "Pears-dried", "6.25 X .15 = .94"
 13 Baked, 0.000965 20 1 0.94 1 "6.25 X .15 = .94"
 14 Boiled, 0.000965 20 1 0.94 1 "6.25 X .15 = .94"
 18 Dried, 0.000965 20 1 0.94 1 "6.25 X .15 = .94"
 61 "05002AA", "12", 0.001 21 1 1 1 7 "Cherries", "sweet"
 11 Uncooked, 0.001 21 1 1 1 "sweet"
 12 Cooked: NFS, 0.001 21 1 1 1 "sweet"
 13 Baked, 0.001 21 1 1 1 "sweet"
 14 Boiled, 0.001 21 1 1 1 "sweet"
 31 Canned: NFS, 0.001 22 1 1 1 "tart"
 33 Canned: Baked, 0.001 22 1 1 1 "tart"
 41 Frozen: NFS, 0.001 22 1 1 1 "tart"
 62 "05002DA", "12", 0.001 22 1 4 1 0 "Cherries-dried", "tart"
 63 "05002JA", "12", 0.00119 22 1 0.3 1 4 "Cherries-juice", "tart"
 13 Baked, 0.00119 22 1 0.3 1 "tart"
 14 Boiled, 0.00119 22 1 0.3 1 "tart"

31 Canned: NFS, 0.00119 22 1 0.3 1 "tart"
 41 Frozen: NFS, 0.00119 22 1 0.3 1 "tart"
 64 "05003AA", "12", 0.001 23 1 1 1 1 "Nectarines", "
 11 Uncooked, 0.001 23 1 1 1 ""
 65 "05004AA", "12", 0.001 24 1 1 1 6 "Peaches", "
 11 Uncooked, 0.001 24 1 1 1 ""
 12 Cooked: NFS, 0.001 24 1 1 1 ""
 13 Baked, 0.001 24 1 1 1 ""
 14 Boiled, 0.001 24 1 1 1 ""
 31 Canned: NFS, 0.001 25 1 1 1 ""
 41 Frozen: NFS, 0.001 25 1 1 1 ""
 66 "05004DA", "12", 0.001228 69 1 7 1 2 "Peaches-dried", "
 14 Boiled, 0.001228 69 1 7 1 ""
 18 Dried, 0.001228 69 1 7 1 ""
 67 "05005AA", "12", 0.001 26 1 1 1 5 "Plums (damsons)", "
 11 Uncooked, 0.001 26 1 1 1 ""
 12 Cooked: NFS, 0.001 26 1 1 1 ""
 31 Canned: NFS, 0.001 73 1 1 1 ""
 42 Frozen: Cooked, 0.001 73 1 1 1 ""
 51 Cured: NFS (smoked/p, 0.001 73 1 1 1 "")
 68 "05005DA", "12", 0.001 27 1 5 1 4 "Plums-prunes (dried)", "
 13 Baked, 0.001 27 1 5 1 ""
 14 Boiled, 0.001 27 1 5 1 ""
 18 Dried, 0.001 27 1 5 1 ""
 31 Canned: NFS, 0.001 27 1 5 1 ""
 69 "05005JA", "12", 0.00055 27 1 1.4 1 2 "Plums/prune-juice", "
 11 Uncooked, 0.00055 27 1 1.4 1 ""
 31 Canned: NFS, 0.00055 27 1 1.4 1 ""
 72 "06002AB", "0", 1 28 1 1 1 0 "Bananas", "
 73 "06002DA", "0", 1 28 1 3.9 1 0 "Bananas-dried", "
 78 "06005AA", "0", 0.0001 66 1 1 0.01 2 "Figs", "
 11 Uncooked, 0.0001 66 1 1 0.01 ""
 13 Baked, 0.0001 66 1 1 0.01 ""
 94 "06016AA", "0", 1 28 1 1 1 0 "Plantains-ripe", "
 97 "06018AA", "0", 0.001 29 1 0.15 1 2 "Kiwi fruit", "
 11 Uncooked, 0.001 29 1 0.15 1 ""
 31 Canned: NFS, 0.001 29 1 0.15 1 ""
 148 "10010AA", "9B", 0.001 30 1 1 1 3 "Cucumbers", "
 11 Uncooked, 0.001 30 1 1 1 ""
 34 Canned: Boiled, 0.001 30 1 1 1 ""
 60 Canned: Cured, 0.001 30 1 1 1 ""
 149 "10011AA", "9B", 0.001 31 1 1 1 6 "Pumpkin", "
 12 Cooked: NFS, 0.001 31 1 1 1 ""
 13 Baked, 0.001 31 1 1 1 ""
 14 Boiled, 0.001 31 1 1 1 ""
 15 Fried, 0.001 31 1 1 1 ""
 33 Canned: Baked, 0.001 31 1 1 1 ""
 34 Canned: Boiled, 0.001 31 1 1 1 ""
 155 "11003AA", "8", 0.001 32 1 1 1 9 "Peppers-sweet(garden)", "
 11 Uncooked, 0.001 32 1 1 1 ""
 12 Cooked: NFS, 0.001 32 1 1 1 ""
 13 Baked, 0.001 32 1 1 1 ""
 14 Boiled, 0.001 32 1 1 1 ""
 31 Canned: NFS, 0.001 32 1 1 1 ""
 32 Canned: Cooked, 0.001 32 1 1 1 ""
 34 Canned: Boiled, 0.001 32 1 1 1 ""
 42 Frozen: Cooked, 0.001 32 1 1 1 ""
 51 Cured: NFS (smoked/p, 0.001 32 1 1 1 "")
 156 "11003AB", "8", 0.001 32 1 1 1 13 "Peppers-chilli incl jalapeno", "
 11 Uncooked, 0.001 32 1 1 1 ""
 12 Cooked: NFS, 0.001 32 1 1 1 ""
 13 Baked, 0.001 32 1 1 1 ""
 14 Boiled, 0.001 32 1 1 1 ""

15 Fried, 0.001 32 1 1 1 ""
 31 Canned: NFS, 0.001 32 1 1 1 ""
 32 Canned: Cooked, 0.001 32 1 1 1 ""
 33 Canned: Baked, 0.001 32 1 1 1 ""
 34 Canned: Boiled, 0.001 32 1 1 1 ""
 42 Frozen: Cooked, 0.001 32 1 1 1 ""
 51 Cured: NFS (smoked/p, 0.001 32 1 1 1 ""
 52 Cured: Cooked(smokd/, 0.001 32 1 1 1 ""
 60 Canned: Cured, 0.001 32 1 1 1 ""
 157 "11003AD", "8", 0.001 32 1 1 1 "Peppers-other", ""
 11 Uncooked, 0.001 32 1 1 1 ""
 159 "11005AA", "8", 0.001 33 1 1 1 10 "Tomatoes-whole", ""
 11 Uncooked, 0.001 33 1 1 1 ""
 12 Cooked: NFS, 0.001 33 1 1 1 ""
 13 Baked, 0.001 33 1 1 1 ""
 14 Boiled, 0.001 33 1 1 1 ""
 15 Fried, 0.001 33 1 1 1 ""
 31 Canned: NFS, 0.001 34 1 1 1 ""
 32 Canned: Cooked, 0.001 34 1 1 1 ""
 33 Canned: Baked, 0.001 34 1 1 1 ""
 34 Canned: Boiled, 0.001 34 1 1 1 ""
 42 Frozen: Cooked, 0.001 33 1 1 1 ""
 160 "11005JA", "8", 0.00407 34 1 0.03 1 4 "Tomatoes-juice", ""
 31 Canned: NFS, 0.00407 34 1 0.03 1 ""
 32 Canned: Cooked, 0.00407 34 1 0.03 1 ""
 34 Canned: Boiled, 0.00407 34 1 0.03 1 ""
 42 Frozen: Cooked, 0.00407 34 1 0.03 1 ""
 161 "11005RA", "8", 0.00407 34 1 0.1 1 7 "Tomatoes-puree", ""
 12 Cooked: NFS, 0.00407 34 1 0.1 1 ""
 14 Boiled, 0.00407 34 1 0.1 1 ""
 31 Canned: NFS, 0.00407 34 1 0.1 1 ""
 32 Canned: Cooked, 0.00407 34 1 0.1 1 ""
 33 Canned: Baked, 0.00407 34 1 0.1 1 ""
 34 Canned: Boiled, 0.00407 34 1 0.1 1 ""
 42 Frozen: Cooked, 0.00407 34 1 0.1 1 ""
 162 "11005TA", "8", 0.00407 34 1 0.1 1 6 "Tomatoes-paste", ""
 14 Boiled, 0.00407 34 1 0.1 1 ""
 31 Canned: NFS, 0.00407 34 1 0.1 1 ""
 32 Canned: Cooked, 0.00407 34 1 0.1 1 ""
 33 Canned: Baked, 0.00407 34 1 0.1 1 ""
 34 Canned: Boiled, 0.00407 34 1 0.1 1 ""
 42 Frozen: Cooked, 0.00407 34 1 0.1 1 ""
 163 "11005UA", "8", 0.00407 34 1 0.1 1 1 "Tomatoes-catsup", ""
 34 Canned: Boiled, 0.00407 34 1 0.1 1 ""
 168 "13005AA", "5A", 0.001 36 1 1 1 8 "Broccoli", ""
 11 Uncooked, 0.001 36 1 1 1 ""
 12 Cooked: NFS, 0.001 36 1 1 1 ""
 13 Baked, 0.001 36 1 1 1 ""
 14 Boiled, 0.001 36 1 1 1 ""
 15 Fried, 0.001 36 1 1 1 ""
 32 Canned: Cooked, 0.001 36 1 1 1 ""
 42 Frozen: Cooked, 0.001 36 1 1 1 ""
 44 Frozen: Boiled, 0.001 36 1 1 1 ""
 169 "13006AA", "5A", 0.001 37 1 1 1 2 "Brussels sprouts", ""
 14 Boiled, 0.001 37 1 1 1 ""
 42 Frozen: Cooked, 0.001 37 1 1 1 ""
 170 "13007AA", "5A", 0.001 38 1 1 1 8 "Cabbage-green and red", ""
 11 Uncooked, 0.001 38 1 1 1 ""
 12 Cooked: NFS, 0.001 38 1 1 1 ""
 13 Baked, 0.001 38 1 1 1 ""
 14 Boiled, 0.001 38 1 1 1 ""
 15 Fried, 0.001 38 1 1 1 ""
 31 Canned: NFS, 0.001 38 1 1 1 ""

32 Canned: Cooked, 0.001 38 1 1 1 ""
 51 Cured: NFS (smoked/p, 0.001 38 1 1 1 "")
 171 "13008AA", "5A", 0.001 39 1 1 1 5 "Cauliflower", ""
 11 Uncooked, 0.001 39 1 1 1 ""
 12 Cooked: NFS, 0.001 39 1 1 1 ""
 14 Boiled, 0.001 39 1 1 1 ""
 15 Fried, 0.001 39 1 1 1 ""
 42 Frozen: Cooked, 0.001 39 1 1 1 1 ""
 172 "13009AA", "5B", 0.001 40 1 1 1 3 "Collards", ""
 14 Boiled, 0.001 40 1 1 1 ""
 32 Canned: Cooked, 0.001 40 1 1 1 1 ""
 42 Frozen: Cooked, 0.001 40 1 1 1 1 ""
 174 "13011AA", "5B", 0.001 41 1 1 1 3 "Kale", ""
 12 Cooked: NFS, 0.001 41 1 1 1 ""
 14 Boiled, 0.001 41 1 1 1 ""
 32 Canned: Cooked, 0.001 41 1 1 1 1 ""
 175 "13012AA", "5A", 0.001 42 1 1 1 1 "Kohlrabi", ""
 14 Boiled, 0.001 42 1 1 1 ""
 183 "13021AA", "5B", 0.001 43 1 1 1 1 "Mustard greens", ""
 14 Boiled, 0.001 43 1 1 1 ""
 188 "13026AA", "2", 0.001 35 1 1 1 3 "Turnips-tops", ""
 14 Boiled, 0.001 35 1 1 1 ""
 32 Canned: Cooked, 0.001 35 1 1 1 1 ""
 44 Frozen: Boiled, 0.001 35 1 1 1 1 ""
 195 "13049AA", "0", 0.5 2 1 1.5 1 1 "Grapes-leaves", ""
 14 Boiled, 0.5 2 1 1.5 1 1 ""
 205 "14011AA", "3", 0.001 45 1 1 1 12 "Onions-dry-bulb (cipollini)", ""
 11 Uncooked, 0.001 45 1 1 1 ""
 12 Cooked: NFS, 0.001 45 1 1 1 ""
 13 Baked, 0.001 45 1 1 1 ""
 14 Boiled, 0.001 45 1 1 1 ""
 15 Fried, 0.001 45 1 1 1 ""
 31 Canned: NFS, 0.001 45 1 1 1 ""
 32 Canned: Cooked, 0.001 45 1 1 1 1 ""
 34 Canned: Boiled, 0.001 45 1 1 1 1 ""
 42 Frozen: Cooked, 0.001 45 1 1 1 1 ""
 43 Frozen: Baked, 0.001 45 1 1 1 1 ""
 44 Frozen: Boiled, 0.001 45 1 1 1 1 ""
 60 Canned: Cured, 0.001 45 1 1 1 1 ""
 206 "14011DA", "3", 0.000028 0 0 9 1 8 "Onions-dehydrated or dried", ""
 12 Cooked: NFS, 0.000028 0 0 9 1 ""
 13 Baked, 0.000028 0 0 9 1 ""
 14 Boiled, 0.000028 0 0 9 1 ""
 15 Fried, 0.000028 0 0 9 1 ""
 31 Canned: NFS, 0.000028 0 0 9 1 ""
 32 Canned: Cooked, 0.000028 0 0 9 1 ""
 34 Canned: Boiled, 0.000028 0 0 9 1 ""
 42 Frozen: Cooked, 0.000028 0 0 9 1 ""
 212 "14014AA", "1AB", 0.001 46 1 1 1 2 "Radishes-roots", ""
 11 Uncooked, 0.001 46 1 1 1 ""
 12 Cooked: NFS, 0.001 46 1 1 1 ""
 213 "14014AB", "2", 0.001 35 1 1 1 0 "Radishes-tops", ""
 214 "14015AA", "1AB", 0.001 44 1 1 1 0 "Rutabagas-roots", ""
 218 "14018AA", "1CD", 0.001 44 1 1 1 6 "Sweet potatoes (incl yams)", ""
 12 Cooked: NFS, 0.001 44 1 1 1 ""
 13 Baked, 0.001 44 1 1 1 ""
 14 Boiled, 0.001 44 1 1 1 ""
 15 Fried, 0.001 44 1 1 1 ""
 32 Canned: Cooked, 0.001 62 1 0.15 1 1 ""
 34 Canned: Boiled, 0.001 62 1 0.15 1 1 ""
 219 "14019AA", "1AB", 0.001 44 1 1 1 3 "Turnips-roots", ""
 11 Uncooked, 0.001 44 1 1 1 ""
 12 Cooked: NFS, 0.001 44 1 1 1 ""

14 Boiled, 0.001 44 1 1 1 ""
 227 "15001AA", "6C", 0.00025 0 0 1 1 0 "Beans-dry-great northern", "1/2toleranceX%CT"
 228 "15001AB", "6C", 0.00025 0 0 1 1 0 "Beans-dry-kidney", "1/2toleranceX%CT"
 229 "15001AC", "6C", 0.00025 0 0 1 1 0 "Beans-dry-lima", "1/2toleranceX%CT"
 230 "15001AD", "6C", 0.00025 0 0 1 1 0 "Beans-dry-navy (pea)", "1/2toleranceX%CT"
 231 "15001AE", "6C", 0.00025 0 0 1 1 0 "Beans-dry-other", "1/2toleranceX%CT"
 232 "15001AF", "6C", 0.00025 0 0 1 1 0 "Beans-dry-pinto", "1/2toleranceX%CT"
 233 "15002AA", "6B", 1 48 1 1 1 6 "Beans-succulent-lima", ""
 11 Uncooked, 1 48 1 1 1 ""
 12 Cooked: NFS, 1 48 1 1 1 ""
 14 Boiled, 1 48 1 1 1 ""
 32 Canned: Cooked, 1 54 1 1 1 ""
 42 Frozen: Cooked, 1 54 1 1 1 ""
 44 Frozen: Boiled, 1 54 1 1 1 ""
 234 "15003AA", "6A", 1 48 1 1 1 9 "Beans-succulent-green", ""
 11 Uncooked, 1 48 1 1 1 ""
 12 Cooked: NFS, 1 48 1 1 1 ""
 14 Boiled, 1 48 1 1 1 ""
 31 Canned: NFS, 1 54 1 1 1 ""
 32 Canned: Cooked, 1 54 1 1 1 ""
 34 Canned: Boiled, 1 54 1 1 1 ""
 42 Frozen: Cooked, 1 54 1 1 1 ""
 44 Frozen: Boiled, 1 54 1 1 1 ""
 51 Cured: NFS (smoked/p, 1 54 1 1 1 ""
 235 "15003AB", "6A", 1 54 1 1 1 "Beans-succulent-other", ""
 34 Canned: Boiled, 1 54 1 1 1 ""
 236 "15003AC", "6A", 1 48 1 1 1 3 "Beans-succulent-yellow/wax", ""
 14 Boiled, 1 48 1 1 1 ""
 32 Canned: Cooked, 1 54 1 1 1 ""
 42 Frozen: Cooked, 1 54 1 1 1 ""
 240 "15007AA", "6C", 0.00025 0 0 1 0.01 5 "Peas (garden)-dry", "1/2toleranceX%CT"
 12 Cooked: NFS, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 14 Boiled, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 31 Canned: NFS, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 32 Canned: Cooked, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 34 Canned: Boiled, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 241 "15009AA", "6AB", 0.001 51 1 1 1 11 "Peas (garden)-green", ""
 11 Uncooked, 0.001 51 1 1 1 ""
 12 Cooked: NFS, 0.001 51 1 1 1 ""
 13 Baked, 0.001 51 1 1 1 ""
 14 Boiled, 0.001 51 1 1 1 ""
 15 Fried, 0.001 51 1 1 1 ""
 31 Canned: NFS, 0.001 51 1 1 1 ""
 32 Canned: Cooked, 0.001 51 1 1 1 ""
 34 Canned: Boiled, 0.001 51 1 1 1 ""
 42 Frozen: Cooked, 0.001 51 1 1 1 ""
 44 Frozen: Boiled, 0.001 51 1 1 1 ""
 45 Frozen: Fried, 0.001 51 1 1 1 ""
 243 "15011AB", "6C", 0.00025 0 0 1 1 1 "Lentils", "1/2toleranceX%CT"
 14 Boiled, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 244 "15013AA", "6C", 0.00025 0 0 1 0.01 4 "Mung beans (sprouts)", "1/2toleranceX%CT"
 11 Uncooked, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 12 Cooked: NFS, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 14 Boiled, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 15 Fried, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 249 "15022AA", "6C", 0.00025 0 0 1 1 0 "Beans-dry-broadbeans", "1/2toleranceX%CT"
 250 "15022AB", "6B", 1 48 1 1 1 0 "Beans-succulent-broadbeans", ""
 251 "15023AA", "6C", 0.00025 0 0 1 1 0 "Beans-dry-pigeon beans", "1/2toleranceX%CT"
 253 "15027AA", "6", 1 48 1 1 1 0 "Beans-unspecified", ""
 255 "15029AA", "6A", 0.00032 0 0 0.33 0.01 1 "Soybeans-sprouted seeds", ""
 14 Boiled, 0.00032 0 0 0.33 0.01 ""
 256 "15030AA", "6C", 0.00025 0 0 1 1 0 "Beans-dry-hyacinth", "1/2toleranceX%CT"
 257 "15030AB", "6", 1 48 1 1 1 0 "Beans-succulent-hyacinth", ""

258 "15031AA", "6C", 0.00025 0 0 1 1 0 "Beans-dry-blackeye peas/cowpea", "1/2toleranceX%CT"
 259 "15032AA", "6C", 0.00025 0 0 1 1 0 "Beans-dry-garbanzo/chick pea", "1/2toleranceX%CT"
 260 "16002AA", "0", 0.001 52 1 1 1 4 "Asparagus", "
 11 Uncooked, 0.001 52 1 1 1 ""
 14 Boiled, 0.001 52 1 1 1 ""
 32 Canned: Cooked, 0.001 52 1 1 1 ""
 42 Frozen: Cooked, 0.001 52 1 1 1 ""
 266 "24002EA", "15", 0.00088 0 0 0.22 0.08 14 "Corn grain-endosperm", "
 11 Uncooked, 0.00088 0 0 0.22 0.08 ""
 12 Cooked: NFS, 0.00088 0 0 0.22 0.08 ""
 13 Baked, 0.00088 0 0 0.22 0.08 ""
 14 Boiled, 0.00088 0 0 0.22 0.08 ""
 15 Fried, 0.00088 0 0 0.22 0.08 ""
 31 Canned: NFS, 0.00088 0 0 0.22 0.08 ""
 32 Canned: Cooked, 0.00088 0 0 0.22 0.08 ""
 33 Canned: Baked, 0.00088 0 0 0.22 0.08 ""
 34 Canned: Boiled, 0.00088 0 0 0.22 0.08 ""
 41 Frozen: NFS, 0.00088 0 0 0.22 0.08 ""
 42 Frozen: Cooked, 0.00088 0 0 0.22 0.08 ""
 43 Frozen: Baked, 0.00088 0 0 0.22 0.08 ""
 45 Frozen: Fried, 0.00088 0 0 0.22 0.08 ""
 99 Alcohol/Fermented/Di, 0.00088 0 0 0.22 0.08 ""
 267 "24002HA", "15", 0.00088 0 0 1 0.08 5 "Corn grain-bran", "
 12 Cooked: NFS, 0.00088 0 0 1 0.08 ""
 13 Baked, 0.00088 0 0 1 0.08 ""
 14 Boiled, 0.00088 0 0 1 0.08 ""
 15 Fried, 0.00088 0 0 1 0.08 ""
 31 Canned: NFS, 0.00088 0 0 1 0.08 ""
 268 "24002SA", "15", 0.00088 0 0 0.05 0.08 1 "Corn grain/sugar/hfcs", "
 98 Refined, 0.00088 0 0 0.05 0.08 ""
 276 "24007AA", "15", 0.001 53 1 0.86 1 4 "Wheat-rough", "
 11 Uncooked, 0.001 53 1 0.86 1 ""
 12 Cooked: NFS, 0.001 53 1 0.86 1 ""
 13 Baked, 0.001 53 1 0.86 1 ""
 14 Boiled, 0.001 53 1 0.026 1 ""
 277 "24007GA", "15", 0.001 53 1 2.7 1 3 "Wheat-germ", "wheat rough file"
 12 Cooked: NFS, 0.001 53 1 2.7 1 "wheat rough file"
 13 Baked, 0.001 53 1 2.7 1 "wheat rough file"
 14 Boiled, 0.001 53 1 0.026 1 "wheat rough file"
 278 "24007HA", "15", 0.001 53 1 3 1 3 "Wheat-bran", "wheat rough file"
 11 Uncooked, 0.001 53 1 3 1 "wheat rough file"
 12 Cooked: NFS, 0.001 53 1 3 1 "wheat rough file"
 13 Baked, 0.001 53 1 3 1 "wheat rough file"
 279 "24007WA", "15", 0.001 53 1 0.145 1 14 "Wheat-flour", "wheat rough file"
 11 Uncooked, 0.001 53 1 0.145 1 "wheat rough file"
 12 Cooked: NFS, 0.001 53 1 0.145 1 "wheat rough file"
 13 Baked, 0.001 53 1 0.145 1 "wheat rough file"
 14 Boiled, 0.001 53 1 0.026 1 "wheat rough file"
 15 Fried, 0.001 53 1 0.145 1 "wheat rough file"
 31 Canned: NFS, 0.001 53 1 0.145 1 "wheat rough file"
 32 Canned: Cooked, 0.001 53 1 0.145 1 "wheat rough file"
 33 Canned: Baked, 0.001 53 1 0.145 1 "wheat rough file"
 34 Canned: Boiled, 0.001 53 1 0.026 1 "wheat rough file"
 41 Frozen: NFS, 0.001 53 1 0.145 1 "wheat rough file"
 42 Frozen: Cooked, 0.001 53 1 0.145 1 "wheat rough file"
 43 Frozen: Baked, 0.001 53 1 0.145 1 "wheat rough file"
 45 Frozen: Fried, 0.001 53 1 0.145 1 "wheat rough file"
 52 Cured: Cooked(smokd/, 0.001 53 1 0.145 1 "wheat rough file"
 282 "25002SA", "1A", 0.00063 0 0 0.1 1 1 "Sugar-beet", "
 98 Refined, 0.00063 0 0 0.1 1 ""
 287 "26011AA", "6C", 0.00025 0 0 1 0.01 1 "Guar beans", "1/2toleranceX%CT"
 13 Baked, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 289 "270020A", "15", 0.00088 0 0 4.5 1 1 "Corn grain-oil", "toleranceX%CT"

98 Refined, 0. 00088 0 0 4.5 1 "toleranceX%CT"
 290 "270030A", "0", 0. 0027 0 0 1 0.06 1 "Cottonseed-oil", "field trial 0.12 ppm x 6% CT X .375"
 .375"
 98 Refined, 0. 0027 0 0 1 0.06 "field trial 0.12 ppm x 6% CT X .375"
 293 "270070A", "0", 0. 001 0 0 2 1 1 "Peanuts-oil", "
 98 Refined, 0. 001 0 0 2 1 ""
 297 "270100A", "6A", 0. 00032 0 0 0.14 1 1 "Soybeans-oil", "1995 AR x 1% CT"
 98 Refined, 0. 00032 0 0 0.14 1 "1995 AR x 1% CT"
 298 "270110A", "0", 0. 00046 0 0 1 1 1 "Sunflower-oil", "95AR x 1% CT, PF = 1"
 98 Refined, 0. 00046 0 0 1 1 "95AR x 1% CT, PF = 1"
 303 "15023AA", "6A", 0. 00032 0 0 1 1 0 "Soybean-other", "
 304 "28023AB", "6A", 0. 00032 0 0 1 1 5 "Soybeans-mature seeds dry", "
 12 Cooked: NFS, 0. 00032 0 0 1 1 ""
 13 Baked, 0. 00032 0 0 1 1 ""
 14 Boiled, 0. 00032 0 0 1 1 ""
 15 Fried, 0. 00032 0 0 1 1 ""
 41 Frozen: NFS, 0. 00032 0 0 1 1 ""
 305 "28023WA", "6A", 0. 00032 0 0 1 1 5 "Soybeans-flour (full fat)", "
 12 Cooked: NFS, 0. 00032 0 0 1 1 ""
 13 Baked, 0. 00032 0 0 1 1 ""
 14 Boiled, 0. 00032 0 0 1 1 ""
 34 Canned: Boiled, 0. 00032 0 0 1 1 ""
 42 Frozen: Cooked, 0. 00032 0 0 1 1 ""
 306 "28023WB", "6A", 0. 00032 0 0 1 1 4 "Soybeans-flour (low fat)", "
 12 Cooked: NFS, 0. 00032 0 0 1 1 ""
 13 Baked, 0. 00032 0 0 1 1 ""
 15 Fried, 0. 00032 0 0 1 1 ""
 31 Canned: NFS, 0. 00032 0 0 1 1 ""
 307 "28023WC", "6A", 0. 00032 0 0 1 1 8 "Soybeans-flour (defatted)", "
 12 Cooked: NFS, 0. 00032 0 0 1 1 ""
 13 Baked, 0. 00032 0 0 1 1 ""
 14 Boiled, 0. 00032 0 0 1 1 ""
 15 Fried, 0. 00032 0 0 1 1 ""
 31 Canned: NFS, 0. 00032 0 0 1 1 ""
 34 Canned: Boiled, 0. 00032 0 0 1 1 ""
 42 Frozen: Cooked, 0. 00032 0 0 1 1 ""
 98 Refined, 0. 00032 0 0 1 1 ""
 311 "280800A", "0", 2. 16 0 0 1 1 1 "Peppermint-oil", "
 14 Boiled, 2. 16 0 0 1 1 ""
 313 "280810A", "0", 2. 16 0 0 1 1 0 "Spearmint-oil", "
 315 "43058AA", "0", 0. 00272 2 1 0.02 1 0 "Grapes-wine and sherry", "
 317 "43060AA", "0", 0. 001008 0 0 1 1 4 "Gelatin", "
 12 Cooked: NFS, 0. 001008 0 0 1 1 ""
 13 Baked, 0. 001008 0 0 1 1 ""
 14 Boiled, 0. 001008 0 0 1 1 ""
 41 Frozen: NFS, 0. 001008 0 0 1 1 ""
 321 "53001BA", "M", 0. 001 56 1 0.5 1 0 "Beef-meat byproducts", "marketbasket"
 322 "53001BB", "M", 0. 001 56 1 0.5 1 0 "Beef-other organ meats", "
 323 "53001DA", "M", 0. 001 56 1 0.96 1 0 "Beef-dried", "
 324 "53001FA", "M", 0. 001 56 1 2.5 1 0 "Beef-fat w/o bones", "
 325 "53001KA", "M", 0. 001 56 1 0.5 1 0 "Beef-kidney", "
 326 "53001LA", "M", 0. 001 56 1 0.5 1 0 "Beef-liver", "
 327 "53001MA", "M", 0. 001 56 1 0.5 1 0 "Beef-lean (fat/free) w/o bones", "
 328 "53002BA", "M", 0. 001 56 1 0.5 1 0 "Goat-meat byproducts", "
 329 "53002BB", "M", 0. 001 56 1 0.5 1 0 "Goat-other organ meats", "
 330 "53002FA", "M", 0. 001 56 1 2.5 1 0 "Goat-fat w/o bone", "
 331 "53002KA", "M", 0. 001 56 1 0.5 1 0 "Goat-kidney", "
 332 "53002LA", "M", 0. 001 56 1 0.5 1 0 "Goat-liver", "
 333 "53002MA", "M", 0. 001 56 1 0.5 1 0 "Goat-lean (fat/free) w/o bone", "
 334 "53003AA", "M", 0. 001 56 1 0.5 1 0 "Horsemeat", "
 336 "53005BA", "M", 0. 001 56 1 0.5 1 0 "Sheep-meat byproducts", "
 337 "53005BB", "M", 0. 001 56 1 0.5 1 0 "Sheep-other organ meats", "
 338 "53005FA", "M", 0. 001 56 1 2.5 1 0 "Sheep-fat w/o bone", "

339 "53005KA", "M", 0.001 56 1 0.5 1 0 "Sheep-kidney", ""

 340 "53005LA", "M", 0.001 56 1 0.5 1 0 "Sheep-liver", ""

 341 "53005MA", "M", 0.001 56 1 0.5 1 0 "Sheep-lean (fat free) w/o bone", ""

 342 "53006BA", "M", 0.001 57 1 0.5 1 0 "Pork-meat byproducts", "market basket"

 343 "53006BB", "M", 0.001 57 1 0.5 1 0 "Pork-other organ meats", ""

 344 "53006FA", "M", 0.001 57 1 2.5 1 0 "Pork-fat w/o bone", ""

 345 "53006KA", "M", 0.001 57 1 0.5 1 0 "Pork-kidney", ""

 346 "53006LA", "M", 0.001 57 1 0.5 1 0 "Pork-liver", ""

 347 "53006MA", "M", 0.001 57 1 0.5 1 0 "Pork-lean (fat free) w/o bone", ""

 355 "55008BA", "P", 0.000001 47 1 0.5 1 0 "Turkey-byproducts", ""

 356 "55008LA", "P", 0.000001 47 1 0.5 1 0 "Turkey-giblets (liver)", ""

 357 "55008MA", "P", 0.000013 61 1 0.5 1 0 "Turkey- fat w/o bones", ""

 358 "55008MB", "P", 0.000001 47 1 0.5 1 0 "Turkey- lean/fat free w/o bones", ""

 360 "55013BA", "P", 0.000001 47 1 0.5 1 0 "Poultry-other-lean (fat free) w/o bone", ""

 361 "55013LA", "P", 0.000001 47 1 0.5 1 0 "Poultry-other-giblets(liver)", ""

 362 "55013MA", "P", 0.000013 61 1 0.5 1 0 "Poultry-other-fat w/o bones", ""

 363 "55014AA", "P", 0.000002 63 1 1 1 0 "Eggs-whole", ""

 364 "55014AB", "P", 0.000002 63 1 1 1 0 "Eggs-white only", ""

 365 "55014AC", "P", 0.000002 63 1 1 1 0 "Eggs-yolk only", ""

 366 "55015BA", "P", 0.000001 47 1 0.5 1 0 "Chicken-byproducts", ""

 367 "55015LA", "P", 0.000001 47 1 0.5 1 0 "Chicken-giblets(liver)", ""

 368 "55015MA", "P", 0.000013 61 1 0.5 1 0 "Chicken-fat w/o bones", ""

 369 "55015MB", "P", 0.000001 47 1 0.5 1 0 "Chicken-lean/fat free w/o bones", ""

 377 "04001JC", "11", 0.001 18 1 3 1 4 "Apples-juice-concentrate", ""

 12 Cooked: NFS, 0.001 18 1 3 1 ""

 13 Baked, 0.001 18 1 3 1 ""

 31 Canned: NFS, 0.001 18 1 3 1 ""

 41 Frozen: NFS, 0.001 18 1 3 1 ""

 378 "06002NA", "0", 1 28 1 1 1 0 "Bananas-juice", ""

 379 "25002MD", "1A", 0.00063 0 0 1 1 1 "Sugar-beet-molasses", ""

 98 Refined, 0.00063 0 0 1 1 ""

 383 "13007SA", "5B", 0.001 38 1 1 1 1 "Cabbage-savoy", ""

 12 Cooked: NFS, 0.001 38 1 1 1 ""

 385 "55015EL", "P", 0.000001 47 1 0.5 1 0 "Chicken-giblets (excl. liver)", ""

 388 "24002MD", "15", 0.00088 0 0 0.05 1 2 "Corn grain/sugar-molasses", ""

 12 Cooked: NFS, 0.00088 0 0 0.05 1 ""

 41 Frozen: NFS, 0.00088 0 0 0.05 1 ""

 389 "01010JC", "0", 0.0209 1 1 1 1 1 "Cranberries-juice-concentrate", "3.3 X .3"

 31 Canned: NFS, 0.0209 1 1 1 1 "3.3 X .3"

 392 "01014JC", "0", 0.00272 2 1 0.9 1 5 "Grapes-juice-concentrate", "(3.6/1.2)*0.3 CF"

 12 Cooked: NFS, 0.00272 2 1 0.9 1 "(3.6/1.2)*0.3 CF"

 13 Baked, 0.00272 2 1 0.9 1 "(3.6/1.2)*0.3 CF"

 14 Boiled, 0.00272 2 1 0.9 1 "(3.6/1.2)*0.3 CF"

 31 Canned: NFS, 0.00272 2 1 0.9 1 "(3.6/1.2)*0.3 CF"

 41 Frozen: NFS, 0.00272 2 1 0.9 1 "(3.6/1.2)*0.3 CF"

 402 "05004JA", "12", 0.001228 69 1 1 1 2 "Peaches-juice", ""

 11 Uncooked, 0.001228 69 1 1 1 ""

 31 Canned: NFS, 0.001228 69 1 1 1 ""

 403 "15006BT", "0", 0.001 65 1 1 1 2 "Peanuts-butter", ""

 13 Baked, 0.001 65 1 1 1 ""

 14 Boiled, 0.001 65 1 1 1 ""

 404 "04003NA", "11", 0.000965 20 1 1 1 7 "Pears-juice", ""

 11 Uncooked, 0.000965 20 1 1 1 ""

 12 Cooked: NFS, 0.000965 20 1 1 1 ""

 13 Baked, 0.000965 20 1 1 1 ""

 31 Canned: NFS, 0.000965 20 1 1 1 1 ""

 33 Canned: Baked, 0.000965 20 1 1 1 1 ""

 41 Frozen: NFS, 0.000965 20 1 1 1 1 ""

 42 Frozen: Cooked, 0.000965 20 1 1 1 1 ""

 405 "15008AA", "6B", 0.001 51 1 1 1 4 "Peas-succulent/blackeye/cowpea", ""

 12 Cooked: NFS, 0.001 51 1 1 1 ""

 14 Boiled, 0.001 51 1 1 1 ""

 32 Canned: Cooked, 0.001 51 1 1 1 ""

42 Frozen: Cooked, 0.001 51 1 1 1 1 ""
 407 "14023AA", "1AB", 0.001 46 1 1 1 1 "Radishes-japanese (dai ken)", ""
 12 Cooked: NFS, 0.001 46 1 1 1 ""
 413 "15009AB", "6A", 0.001 48 1 1 1 5 "Snowpeas", ""
 11 Uncooked, 0.001 48 1 1 1 ""
 12 Cooked: NFS, 0.001 48 1 1 1 ""
 14 Boiled, 0.001 48 1 1 1 ""
 15 Fried, 0.001 48 1 1 1 ""
 42 Frozen: Cooked, 0.001 48 1 1 1 1 ""
 416 "01016JA", "0", 0.00022 4 1 0.3 1 5 "Strawberries-juice", ""
 11 Uncooked, 0.00022 4 1 0.3 1 ""
 12 Cooked: NFS, 0.00022 4 1 0.3 1 ""
 13 Baked, 0.00022 4 1 0.3 1 ""
 14 Boiled, 0.00022 4 1 0.3 1 ""
 31 Canned: NFS, 0.00022 4 1 0.3 1 ""
 417 "15018HA", "0", 0.00046 68 1 1 1 2 "Sunflower-seeds", "AR x 1% CT"
 11 Uncooked, 0.00046 68 1 1 1 "AR x 1% CT"
 13 Baked, 0.00046 68 1 1 1 "AR x 1% CT"
 418 "14018LV", "2", 0.001 35 1 1 1 0 "Sweet potatos-leaves", ""
 420 "02008JC", "10", 0.001 71 1 3.2 1 0 "Tangerines-juice-concentrate", "7.35/2.3"
 423 "11005DA", "8", 0.00407 34 1 14.3 1 2 "Tomatoes-dried", ""
 12 Cooked: NFS, 0.00407 34 1 14.3 1 ""
 15 Fried, 0.00407 34 1 14.3 1 ""
 431 "030090L", "14", 0.0195 0 0 1 1 0 "Walnut oil", "AR calcd from average of FT & %CT"
 437 "240070L", "15", 0.001 53 1 1 1 0 "Wheat-germ oil", "wheat rough file"
 441 "02002JC", "10", 0.001 72 1 3.93 1 1 "Grapefruit-juice-concentrate", "8.26/2.1"
 41 Frozen: NFS, 0.001 72 1 3.93 1 "8.26/2.1"
 442 "02004JC", "10", 0.001 70 1 5.7 1 6 "Lemons-juice-concentrate", "11.4/2"
 12 Cooked: NFS, 0.001 70 1 5.7 1 "11.4/2"
 13 Baked, 0.001 70 1 5.7 1 "11.4/2"
 14 Boiled, 0.001 70 1 5.7 1 "11.4/2"
 31 Canned: NFS, 0.001 70 1 5.7 1 "11.4/2"
 34 Canned: Boiled, 0.001 70 1 5.7 1 "11.4/2"
 41 Frozen: NFS, 0.001 70 1 5.7 1 "11.4/2"
 443 "02005JC", "10", 0.001 71 1 3 1 2 "Limes-juice-concentrate", "6/2"
 12 Cooked: NFS, 0.001 71 1 3 1 "6/2"
 41 Frozen: NFS, 0.001 71 1 3 1 "6/2"
 448 "02002HA", "10", 0.001 6 1 8 1 0 "Grapefruit peel", ""
 449 "No Code", "P", 0.000001 47 1 0.5 1 0 "Turkey-other organ meats", ""
 451 "No Code", "5A", 0.001 36 1 1 1 1 "Broccoli-chinese", ""
 14 Boiled, 0.001 36 1 1 1 ""
 452 "No Code", "5B", 0.001 59 1 1 1 5 "Bok choy", ""
 11 Uncooked, 0.001 59 1 1 1 ""
 12 Cooked: NFS, 0.001 59 1 1 1 ""
 14 Boiled, 0.001 59 1 1 1 ""
 42 Frozen: Cooked, 0.001 59 1 1 1 ""
 51 Cured: NFS (smoked/p, 0.001 59 1 1 1 "")
 480 "06016GA", "0", 1 28 1 1 1 0 "Plantains-green", ""
 481 "06016DA", "0", 1 28 1 3.9 1 0 "Plantains-dried", ""
 482 "No Code", "0", 0.00032 0 0 1 1 11 "Soybeans-protein isolate", ""
 12 Cooked: NFS, 0.00032 0 0 1 1 ""
 13 Baked, 0.00032 0 0 1 1 ""
 14 Boiled, 0.00032 0 0 1 1 ""
 15 Fried, 0.00032 0 0 1 1 ""
 31 Canned: NFS, 0.00032 0 0 1 1 ""
 32 Canned: Cooked, 0.00032 0 0 1 1 ""
 33 Canned: Baked, 0.00032 0 0 1 1 ""
 34 Canned: Boiled, 0.00032 0 0 1 1 ""
 41 Frozen: NFS, 0.00032 0 0 1 1 ""
 42 Frozen: Cooked, 0.00032 0 0 1 1 ""
 51 Cured: NFS (smoked/p, 0.00032 0 0 1 1 "")
 484 "No Code", "0", 0.001 46 1 1 1 0 "Radishes-oriental", ""
 940 "No Code", "0", 0.001 58 1 1 1 5 "Peanuts-hulled", ""

12 Cooked: NFS, 0.001 58 1 1 1 ""
13 Baked, 0.001 58 1 1 1 ""
14 Boiled, 0.001 58 1 1 1 ""
15 Fried, 0.001 58 1 1 1 ""
41 Frozen: NFS, 0.001 58 1 1 1 ""

Attachment 4.b. Acute Dietary Exposure Analysis File Using PDP Composite Apples for Fresh Apples

"Chlorpyrifos "
0
NEWMCD, 0.0005
NOEL, 0 0 0
06-16-2000/09:00:30
73
1 6 "CRANBERRY.RDF", 0
2 6 "Cpygrape.rdf", 0
3 6 "recitrusoth.rdf", 0
4 6 "Straw.rdf", 0
5 6 "regrapefruit.rdf", 0
6 6 "CPYGrapeFruitNBC.RDF", 0
7 6 "CPYCitrusNBC.RDF", 0
8 6 "relemon.rdf", 0
9 6 "CPYlemonNBC.RDF", 0
10 6 "reorange.rdf", 0
11 6 "cpyorangeprocnbc.rdf", 0
12 6 "Juor.rdf", 0
13 6 "cpyalmon.RDF", 0
14 6 "cpynuts.RDF", 0
15 6 "cypypecan.RDF", 0
16 6 "cpywalnu.RDF", 0
17 6 "apple2000NB.rdf", 0
18 6 "regApjuice2.rdf", 0
19 6 "cyppearsingleNB.rdf", 0
20 6 "cpyPearNB-C.rdf", 0
21 6 "Cpychers.rdf", 0
22 6 "Cpychert.rdf", 0
23 6 "nectarine2000NB.rdf", 0
24 6 "peach2000NB.rdf", 0
25 6 "peachcan.rdf", 0
26 6 "plum2000NB.rdf", 0
27 6 "cpyplumb-c.rdf", 0
28 6 "CPYBANAN.rdf", 0
29 6 "kiwidec.rdf", 0
30 6 "Cpycucu.rdf", 0
31 6 "Cypyump.rdf", 0
32 6 "Cpybellp.rdf", 0
33 6 "tomato2000.rdf", 0
34 6 "tomatoproc.rdf", 0
35 6 "cpyrootg.rdf", 0
36 6 "Cpybroccoli.rdf", 0
37 6 "CpyBruss.rdf", 0
38 6 "cypcabbg.rdf", 0
39 6 "cpycaull.rdf", 0
40 6 "cpcolrd.rdf", 0
41 6 "cpykale.rdf", 0
42 6 "cpykohlr.rdf", 0
43 6 "cypymustr.rdf", 0
44 6 "sweetpot2000NB.rdf", 0
45 6 "cypyonion.RDF", 0
46 6 "radish.rdf", 0
47 6 "CPYCHICKEN.RDF", 0
48 6 "CPYGRBEN.rdf", 0
49 6 "cypswnornf.rdf", 0
50 6 "cypswnrp.rdf", 0
51 6 "cypsweetpeas.rdf", 0
52 6 "aspara3000.rdf", 0
53 6 "Cpywhpdp.rdf", 0
54 6 "grbeanproc.rdf", 0
55 6 "CPYMILK.rdf", 0
56 6 "cpyGB.rdf", 0
57 6 "CPYprksa.rdf", 0

58 6 "PEANUT.rdf", 0
 59 6 "cpybokch.rdf", 0
 60 6 "cpyapplenb-c.rdf", 0
 61 6 "CPYCHICKFAT.RDF", 0
 62 6 "sweetpot2000PB.rdf", 0
 63 6 "Cpyegg.rdf", 0
 64 6 "APSAUCEPB.RDF", 0
 65 6 "Pbutter.rdf", 0
 66 6 "figs.rdf", 0
 67 6 "mushroom.rdf", 0
 68 6 "sunflower.rdf", 0
 69 6 "cpypeachnb-c.rdf", 0
 70 6 "Julemon.rdf", 0
 71 6 "Jucitrus.rdf", 0
 72 6 "Jugrafru.rdf", 0
 73 6 "plumcan.rdf", 0
 -1 "EPA analysis; de-composed PDP/FDA (FT)"
 999 1
 8 "01010AA","O", 0.001 1 1 1 1 6 "Cranberries", ""
 11 Uncooked, 0.001 1 1 1 1 ""
 12 Cooked: NFS, 0.001 1 1 1 1 ""
 13 Baked, 0.001 1 1 1 1 ""
 18 Dried, 0.001 1 1 1 1 ""
 31 Canned: NFS, 0.001 1 1 1 1 ""
 42 Frozen: Cooked, 0.001 1 1 1 1 ""
 9 "01010JA","O", 0.0209 1 1 0.3 0.6 3 "Cranberries-juice", ""
 11 Uncooked, 0.0209 1 1 0.3 0.6 ""
 12 Cooked: NFS, 0.0209 1 1 0.3 0.6 ""
 31 Canned: NFS, 0.0209 1 1 0.3 0.6 ""
 13 "01014AA","O", 0.001 2 1 1 1 4 "Grapes", ""
 11 Uncooked, 0.001 2 1 1 1 ""
 12 Cooked: NFS, 0.001 2 1 1 1 ""
 31 Canned: NFS, 0.001 2 1 1 1 ""
 41 Frozen: NFS, 0.001 2 1 1 1 ""
 14 "01014DA","O", 0.001 2 1 0.17 1 6 "Grapes-raisins", ""
 11 Uncooked, 0.001 2 1 0.17 1 ""
 12 Cooked: NFS, 0.001 2 1 0.17 1 ""
 13 Baked, 0.001 2 1 0.17 1 ""
 14 Boiled, 0.001 2 1 0.17 1 ""
 18 Dried, 0.001 2 1 0.17 1 ""
 42 Frozen: Cooked, 0.001 2 1 0.17 1 ""
 15 "01014JA","O", 0.00272 2 1 0.3 1 6 "Grapes-juice", ""
 11 Uncooked, 0.00272 2 1 0.3 1 ""
 12 Cooked: NFS, 0.00272 2 1 0.3 1 ""
 14 Boiled, 0.00272 2 1 0.3 1 ""
 31 Canned: NFS, 0.00272 2 1 0.3 1 ""
 34 Canned: Boiled, 0.00272 2 1 0.3 1 ""
 41 Frozen: NFS, 0.00272 2 1 0.3 1 ""
 17 "01016AA","O", 0.001 4 1 1 1 7 "Strawberries", ""
 11 Uncooked, 0.001 4 1 1 1 ""
 12 Cooked: NFS, 0.001 4 1 1 1 ""
 13 Baked, 0.001 4 1 1 1 ""
 14 Boiled, 0.001 4 1 1 1 ""
 31 Canned: NFS, 0.001 4 1 1 1 ""
 34 Canned: Boiled, 0.001 4 1 1 1 ""
 41 Frozen: NFS, 0.001 4 1 1 1 ""
 20 "02001AA","10", 0.001 3 1 1 1 2 "Citrus citron", ""
 13 Baked, 0.001 3 1 1 1 ""
 14 Boiled, 0.001 3 1 1 1 ""
 22 "02002AB","10", 0.001 5 1 1 1 3 "Grapefruit-peeled fruit", ""
 11 Uncooked, 0.001 5 1 1 1 ""
 12 Cooked: NFS, 0.001 5 1 1 1 ""
 31 Canned: NFS, 0.001 6 1 1 1 ""
 23 "02002JA","10", 0.001 72 1 1 1 2 "Grapefruit-juice", ""
 11 Uncooked, 0.001 72 1 1 1 ""
 31 Canned: NFS, 0.001 72 1 1 1 ""
 24 "02003AA","10", 0.001 7 1 1 1 0 "Kumquats", ""
 26 "02004AB","10", 0.001 8 1 1 1 3 "Lemons-peeled fruit", ""

11 Uncooked, 0.001 8 1 1 1 ""
 12 Cooked: NFS, 0.001 8 1 1 1 ""
 31 Canned: NFS, 0.001 9 1 1 1 ""
 27 "02004HA","10", 0.001 9 1 15 1 6 "Lemons-peel", ""
 11 Uncooked, 0.001 9 1 15 1 ""
 13 Baked, 0.001 9 1 15 1 ""
 14 Boiled, 0.001 9 1 15 1 ""
 31 Canned: NFS, 0.001 9 1 15 1 ""
 34 Canned: Boiled, 0.001 9 1 15 1 ""
 41 Frozen: NFS, 0.001 9 1 15 1 ""
 28 "02004JA","10", 0.001 70 1 1 1 10 "Lemons-juice", ""
 11 Uncooked, 0.001 70 1 1 1 1 ""
 12 Cooked: NFS, 0.001 70 1 1 1 1 ""
 13 Baked, 0.001 70 1 1 1 1 ""
 14 Boiled, 0.001 70 1 1 1 1 ""
 15 Fried, 0.001 70 1 1 1 1 ""
 31 Canned: NFS, 0.001 70 1 1 1 1 ""
 32 Canned: Cooked, 0.001 70 1 1 1 1 ""
 34 Canned: Boiled, 0.001 70 1 1 1 1 ""
 41 Frozen: NFS, 0.001 70 1 1 1 1 ""
 42 Frozen: Cooked, 0.001 70 1 1 1 1 ""
 30 "02005AB","10", 0.001 3 1 3 1 1 "Limes-peeled fruit", ""
 11 Uncooked, 0.001 3 1 3 1 1 ""
 31 "02005HA","10", 0.001 7 1 15 1 2 "Limes-peel", ""
 13 Baked, 0.001 7 1 15 1 2 ""
 14 Boiled, 0.001 7 1 15 1 2 ""
 32 "02005JA","10", 0.001 71 1 1 1 5 "Limes-juice", ""
 11 Uncooked, 0.001 71 1 1 1 5 ""
 31 Canned: NFS, 0.001 71 1 1 1 5 ""
 32 Canned: Cooked, 0.001 71 1 1 1 5 ""
 34 Canned: Boiled, 0.001 71 1 1 1 5 ""
 41 Frozen: NFS, 0.001 71 1 1 1 5 ""
 33 "02006JC","10", 0.001 12 1 3.72 1 0 "Oranges-juice-concentrate", ""
 34 "02006AB","10", 0.001 10 1 1 1 3 "Oranges-peeled fruit", ""
 11 Uncooked, 0.001 10 1 1 1 3 ""
 12 Cooked: NFS, 0.001 10 1 1 1 3 ""
 31 Canned: NFS, 0.001 11 1 1 1 3 ""
 35 "02006HA","10", 0.001 11 1 15 1 4 "Oranges-peel", ""
 11 Uncooked, 0.001 11 1 15 1 4 ""
 12 Cooked: NFS, 0.001 11 1 15 1 4 ""
 31 Canned: NFS, 0.001 11 1 15 1 4 ""
 41 Frozen: NFS, 0.001 11 1 15 1 4 ""
 36 "02006JA","10", 0.001 12 1 1 1 4 "Oranges-juice", ""
 11 Uncooked, 0.001 12 1 1 1 4 ""
 12 Cooked: NFS, 0.001 12 1 1 1 4 ""
 31 Canned: NFS, 0.001 12 1 1 1 4 ""
 41 Frozen: NFS, 0.001 12 1 1 1 4 ""
 37 "02007AA","10", 0.001 3 1 1 1 0 "Tangelos", ""
 38 "02008AA","10", 0.001 3 1 1 1 3 "Tangerines", ""
 11 Uncooked, 0.001 3 1 1 1 3 ""
 31 Canned: NFS, 0.001 7 1 1 1 3 ""
 41 Frozen: NFS, 0.001 7 1 1 1 3 ""
 39 "02008JA","10", 0.001 71 1 1 1 0 "Tangerines-juice", ""
 40 "03001AA","14", 0.001 13 1 1 1 6 "Almonds", ""
 11 Uncooked, 0.001 13 1 1 1 6 ""
 12 Cooked: NFS, 0.001 13 1 1 1 6 ""
 13 Baked, 0.001 13 1 1 1 6 ""
 14 Boiled, 0.001 13 1 1 1 6 ""
 18 Dried, 0.001 13 1 1 1 6 ""
 41 Frozen: NFS, 0.001 13 1 1 1 6 ""
 44 "03005AA","14", 0.001 14 1 1 1 3 "Filberts (hazelnuts)", ""
 11 Uncooked, 0.001 14 1 1 1 3 ""
 13 Baked, 0.001 14 1 1 1 3 ""
 14 Boiled, 0.001 14 1 1 1 3 ""
 46 "03007AA","14", 0.001 14 1 1 1 0 "Macadamia nuts (bush nuts)", ""
 47 "03008AA","14", 0.001 15 1 1 1 3 "Pecans", ""
 11 Uncooked, 0.001 15 1 1 1 3 ""
 13 Baked, 0.001 15 1 1 1 3 ""

14 Boiled, 0.001 15 1 1 1 ""
 48 "03009AA","14", 0.001 16 1 1 1 3 "Walnuts", ""
 11 Uncooked, 0.001 16 1 1 1 ""
 12 Cooked: NFS, 0.001 16 1 1 1 ""
 13 Baked, 0.001 16 1 1 1 ""
 52 "04001AA","11", 0.001 17 1 1 1 11 "Apples", ""
 11 Uncooked, 0.001 17 1 1 1 ""
 12 Cooked: NFS, 0.001 17 1 0.15 1 ""
 13 Baked, 0.001 17 1 0.15 1 ""
 14 Boiled, 0.001 64 1 1 1 ""
 15 Fried, 0.001 17 1 0.15 1 ""
 18 Dried, 0.00656 0 0 1 1 "blended"
 31 Canned: NFS, 0.001 64 1 1 1 ""
 32 Canned: Cooked, 0.001 64 1 1 1 ""
 33 Canned: Baked, 0.001 64 1 1 1 ""
 34 Canned: Boiled, 0.001 64 1 1 1 ""
 42 Frozen: Cooked, 0.001 64 1 1 1 ""
 53 "04001DA","11", 0.00656 60 1 1.2 1 4 "Apples-dried", "partially blended, 8x conc X 0.15"
 13 Baked, 0.00656 60 1 1.2 1 "partially blended, 8x conc X 0.15"
 14 Boiled, 0.00656 60 1 1.2 1 "partially blended, 8x conc X 0.15"
 18 Dried, 0.00656 60 1 1.2 1 "partially blended, 8x conc X 0.15"
 42 Frozen: Cooked, 0.00656 60 1 1.2 1 "partially blended, 8x conc X 0.15"
 54 "04001JA","11", 0.001 18 1 1 1 5 "Apples-juice/cider", ""
 11 Uncooked, 0.001 18 1 1 1 ""
 12 Cooked: NFS, 0.001 18 1 1 1 ""
 14 Boiled, 0.001 18 1 1 1 ""
 31 Canned: NFS, 0.001 18 1 1 1 ""
 41 Frozen: NFS, 0.001 18 1 1 1 ""
 56 "04003AA","11", 0.001 19 1 1 1 5 "Pears", ""
 11 Uncooked, 0.001 19 1 1 1 ""
 12 Cooked: NFS, 0.001 19 1 0.15 1 ""
 13 Baked, 0.001 19 1 0.15 1 ""
 14 Boiled, 0.001 19 1 0.15 1 ""
 31 Canned: NFS, 0.001 20 1 0.15 1 ""
 57 "04003DA","11", 0.000965 20 1 0.94 1 3 "Pears-dried", "6.25 X .15 = .94"
 13 Baked, 0.000965 20 1 0.94 1 "6.25 X .15 = .94"
 14 Boiled, 0.000965 20 1 0.94 1 "6.25 X .15 = .94"
 18 Dried, 0.000965 20 1 0.94 1 "6.25 X .15 = .94"
 61 "05002AA","12", 0.001 21 1 1 1 7 "Cherries", "sweet"
 11 Uncooked, 0.001 21 1 1 1 "sweet"
 12 Cooked: NFS, 0.001 21 1 1 1 "sweet"
 13 Baked, 0.001 21 1 1 1 "sweet"
 14 Boiled, 0.001 21 1 1 1 "sweet"
 31 Canned: NFS, 0.001 22 1 1 1 "tart"
 33 Canned: Baked, 0.001 22 1 1 1 "tart"
 41 Frozen: NFS, 0.001 22 1 1 1 "tart"
 62 "05002DA","12", 0.001 22 1 4 1 0 "Cherries-dried", "tart"
 63 "05002JA","12", 0.00119 22 1 0.3 1 4 "Cherries-juice", "tart"
 13 Baked, 0.00119 22 1 0.3 1 "tart"
 14 Boiled, 0.00119 22 1 0.3 1 "tart"
 31 Canned: NFS, 0.00119 22 1 0.3 1 "tart"
 41 Frozen: NFS, 0.00119 22 1 0.3 1 "tart"
 64 "05003AA","12", 0.001 23 1 1 1 1 "Nectarines", ""
 11 Uncooked, 0.001 23 1 1 1 ""
 65 "05004AA","12", 0.001 24 1 1 1 6 "Peaches", ""
 11 Uncooked, 0.001 24 1 1 1 ""
 12 Cooked: NFS, 0.001 24 1 1 1 ""
 13 Baked, 0.001 24 1 1 1 ""
 14 Boiled, 0.001 24 1 1 1 ""
 31 Canned: NFS, 0.001 25 1 1 1 ""
 41 Frozen: NFS, 0.001 25 1 1 1 ""
 66 "05004DA","12", 0.001228 69 1 7 1 2 "Peaches-dried", ""
 14 Boiled, 0.001228 69 1 7 1 ""
 18 Dried, 0.001228 69 1 7 1 ""
 67 "05005AA","12", 0.001 26 1 1 1 5 "Plums (damsons)", ""
 11 Uncooked, 0.001 26 1 1 1 ""
 12 Cooked: NFS, 0.001 26 1 1 1 ""
 31 Canned: NFS, 0.001 73 1 1 1 ""

42 Frozen: Cooked, 0.001 73 1 1 1 ""
 51 Cured: NFS (smoked/p, 0.001 73 1 1 1 "")
 68 "05005DA","12", 0.001 27 1 5 1 4 "Plums-prunes (dried)", ""
 13 Baked, 0.001 27 1 5 1 ""
 14 Boiled, 0.001 27 1 5 1 ""
 18 Dried, 0.001 27 1 5 1 ""
 31 Canned: NFS, 0.001 27 1 5 1 ""
 69 "05005JA","12", 0.00055 27 1 1.4 1 2 "Plums/prune-juice", ""
 11 Uncooked, 0.00055 27 1 1.4 1 ""
 31 Canned: NFS, 0.00055 27 1 1.4 1 ""
 72 "06002AB","O", 1 28 1 1 1 0 "Bananas", ""
 73 "06002DA","O", 1 28 1 3.9 1 0 "Bananas-dried", ""
 78 "06005AA","O", 0.0001 66 1 1 0.01 2 "Figs", ""
 11 Uncooked, 0.0001 66 1 1 0.01 ""
 13 Baked, 0.0001 66 1 1 0.01 ""
 94 "06016AA","O", 1 28 1 1 1 0 "Plantains-ripe", ""
 97 "06018AA","O", 0.001 29 1 0.15 1 2 "Kiwi fruit", ""
 11 Uncooked, 0.001 29 1 0.15 1 ""
 31 Canned: NFS, 0.001 29 1 0.15 1 ""
 148 "10010AA","9B", 0.001 30 1 1 1 3 "Cucumbers", ""
 11 Uncooked, 0.001 30 1 1 1 ""
 34 Canned: Boiled, 0.001 30 1 1 1 ""
 60 Canned: Cured, 0.001 30 1 1 1 ""
 149 "10011AA","9B", 0.001 31 1 1 1 6 "Pumpkin", ""
 12 Cooked: NFS, 0.001 31 1 1 1 ""
 13 Baked, 0.001 31 1 1 1 ""
 14 Boiled, 0.001 31 1 1 1 ""
 15 Fried, 0.001 31 1 1 1 ""
 33 Canned: Baked, 0.001 31 1 1 1 ""
 34 Canned: Boiled, 0.001 31 1 1 1 ""
 155 "11003AA","8", 0.001 32 1 1 1 9 "Peppers-sweet(garden)", ""
 11 Uncooked, 0.001 32 1 1 1 ""
 12 Cooked: NFS, 0.001 32 1 1 1 ""
 13 Baked, 0.001 32 1 1 1 ""
 14 Boiled, 0.001 32 1 1 1 ""
 31 Canned: NFS, 0.001 32 1 1 1 ""
 32 Canned: Cooked, 0.001 32 1 1 1 ""
 34 Canned: Boiled, 0.001 32 1 1 1 ""
 42 Frozen: Cooked, 0.001 32 1 1 1 ""
 51 Cured: NFS (smoked/p, 0.001 32 1 1 1 "")
 156 "11003AB","8", 0.001 32 1 1 1 13 "Peppers-chilli incl jalapeno", ""
 11 Uncooked, 0.001 32 1 1 1 ""
 12 Cooked: NFS, 0.001 32 1 1 1 ""
 13 Baked, 0.001 32 1 1 1 ""
 14 Boiled, 0.001 32 1 1 1 ""
 15 Fried, 0.001 32 1 1 1 ""
 31 Canned: NFS, 0.001 32 1 1 1 ""
 32 Canned: Cooked, 0.001 32 1 1 1 ""
 33 Canned: Baked, 0.001 32 1 1 1 ""
 34 Canned: Boiled, 0.001 32 1 1 1 ""
 42 Frozen: Cooked, 0.001 32 1 1 1 ""
 51 Cured: NFS (smoked/p, 0.001 32 1 1 1 "")
 52 Cured: Cooked(smokd/, 0.001 32 1 1 1 "")
 60 Canned: Cured, 0.001 32 1 1 1 ""
 157 "11003AD","8", 0.001 32 1 1 1 1 "Peppers-other", ""
 11 Uncooked, 0.001 32 1 1 1 ""
 159 "11005AA","8", 0.001 33 1 1 1 10 "Tomatoes-whole", ""
 11 Uncooked, 0.001 33 1 1 1 ""
 12 Cooked: NFS, 0.001 33 1 1 1 ""
 13 Baked, 0.001 33 1 1 1 ""
 14 Boiled, 0.001 33 1 1 1 ""
 15 Fried, 0.001 33 1 1 1 ""
 31 Canned: NFS, 0.001 34 1 1 1 ""
 32 Canned: Cooked, 0.001 34 1 1 1 ""
 33 Canned: Baked, 0.001 34 1 1 1 ""
 34 Canned: Boiled, 0.001 34 1 1 1 ""
 42 Frozen: Cooked, 0.001 33 1 1 1 ""
 160 "11005JA","8", 0.00407 34 1 0.03 1 4 "Tomatoes-juice", ""

31 Canned: NFS, 0.00407 34 1 0.03 1 """

 32 Canned: Cooked, 0.00407 34 1 0.03 1 """

 34 Canned: Boiled, 0.00407 34 1 0.03 1 """

 42 Frozen: Cooked, 0.00407 34 1 0.03 1 """

 161 "11005RA","8", 0.00407 34 1 0.1 1 7 "Tomatoes-puree", """

 12 Cooked: NFS, 0.00407 34 1 0.1 1 """

 14 Boiled, 0.00407 34 1 0.1 1 """

 31 Canned: NFS, 0.00407 34 1 0.1 1 """

 32 Canned: Cooked, 0.00407 34 1 0.1 1 """

 33 Canned: Baked, 0.00407 34 1 0.1 1 """

 34 Canned: Boiled, 0.00407 34 1 0.1 1 """

 42 Frozen: Cooked, 0.00407 34 1 0.1 1 """

 162 "11005TA","8", 0.00407 34 1 0.1 1 6 "Tomatoes-paste", """

 14 Boiled, 0.00407 34 1 0.1 1 """

 31 Canned: NFS, 0.00407 34 1 0.1 1 """

 32 Canned: Cooked, 0.00407 34 1 0.1 1 """

 33 Canned: Baked, 0.00407 34 1 0.1 1 """

 34 Canned: Boiled, 0.00407 34 1 0.1 1 """

 42 Frozen: Cooked, 0.00407 34 1 0.1 1 """

 163 "11005UA","8", 0.00407 34 1 0.1 1 1 "Tomatoes-catsup", """

 34 Canned: Boiled, 0.00407 34 1 0.1 1 """

 168 "13005AA","5A", 0.001 36 1 1 1 8 "Broccoli", """

 11 Uncooked, 0.001 36 1 1 1 """

 12 Cooked: NFS, 0.001 36 1 1 1 """

 13 Baked, 0.001 36 1 1 1 """

 14 Boiled, 0.001 36 1 1 1 """

 15 Fried, 0.001 36 1 1 1 """

 32 Canned: Cooked, 0.001 36 1 1 1 """

 42 Frozen: Cooked, 0.001 36 1 1 1 """

 44 Frozen: Boiled, 0.001 36 1 1 1 """

 169 "13006AA","5A", 0.001 37 1 1 1 2 "Brussels sprouts", """

 14 Boiled, 0.001 37 1 1 1 """

 42 Frozen: Cooked, 0.001 37 1 1 1 """

 170 "13007AA","5A", 0.001 38 1 1 1 8 "Cabbage-green and red", """

 11 Uncooked, 0.001 38 1 1 1 """

 12 Cooked: NFS, 0.001 38 1 1 1 """

 13 Baked, 0.001 38 1 1 1 """

 14 Boiled, 0.001 38 1 1 1 """

 15 Fried, 0.001 38 1 1 1 """

 31 Canned: NFS, 0.001 38 1 1 1 """

 32 Canned: Cooked, 0.001 38 1 1 1 """

 51 Cured: NFS (smoked/p, 0.001 38 1 1 1 """

 171 "13008AA","5A", 0.001 39 1 1 1 5 "Cauliflower", """

 11 Uncooked, 0.001 39 1 1 1 """

 12 Cooked: NFS, 0.001 39 1 1 1 """

 14 Boiled, 0.001 39 1 1 1 """

 15 Fried, 0.001 39 1 1 1 """

 42 Frozen: Cooked, 0.001 39 1 1 1 """

 172 "13009AA","5B", 0.001 40 1 1 1 3 "Collards", """

 14 Boiled, 0.001 40 1 1 1 """

 32 Canned: Cooked, 0.001 40 1 1 1 """

 42 Frozen: Cooked, 0.001 40 1 1 1 """

 174 "13011AA","5B", 0.001 41 1 1 1 3 "Kale", """

 12 Cooked: NFS, 0.001 41 1 1 1 """

 14 Boiled, 0.001 41 1 1 1 """

 32 Canned: Cooked, 0.001 41 1 1 1 """

 175 "13012AA","5A", 0.001 42 1 1 1 1 "Kohlrabi", """

 14 Boiled, 0.001 42 1 1 1 """

 183 "13021AA","5B", 0.001 43 1 1 1 1 "Mustard greens", """

 14 Boiled, 0.001 43 1 1 1 """

 188 "13026AA","2", 0.001 35 1 1 1 3 "Turnips-tops", """

 14 Boiled, 0.001 35 1 1 1 """

 32 Canned: Cooked, 0.001 35 1 1 1 """

 44 Frozen: Boiled, 0.001 35 1 1 1 """

 195 "13049AA","O", 0.5 2 1 1.5 1 1 "Grapes-leaves", """

 14 Boiled, 0.5 2 1 1.5 1 """

 205 "14011AA","3", 0.001 45 1 1 1 12 "Onions-dry-bulb (cipollini)", """

 11 Uncooked, 0.001 45 1 1 1 """

12 Cooked: NFS, 0.001 45 1 1 1 ""
 13 Baked, 0.001 45 1 1 1 ""
 14 Boiled, 0.001 45 1 1 1 ""
 15 Fried, 0.001 45 1 1 1 ""
 31 Canned: NFS, 0.001 45 1 1 1 ""
 32 Canned: Cooked, 0.001 45 1 1 1 ""
 34 Canned: Boiled, 0.001 45 1 1 1 ""
 42 Frozen: Cooked, 0.001 45 1 1 1 ""
 43 Frozen: Baked, 0.001 45 1 1 1 ""
 44 Frozen: Boiled, 0.001 45 1 1 1 ""
 60 Canned: Cured, 0.001 45 1 1 1 ""
 206 "14011DA","3", 0.000028 0 0 9 1 8 "Onions-dehydrated or dried", ""
 12 Cooked: NFS, 0.000028 0 0 9 1 ""
 13 Baked, 0.000028 0 0 9 1 ""
 14 Boiled, 0.000028 0 0 9 1 ""
 15 Fried, 0.000028 0 0 9 1 ""
 31 Canned: NFS, 0.000028 0 0 9 1 ""
 32 Canned: Cooked, 0.000028 0 0 9 1 ""
 34 Canned: Boiled, 0.000028 0 0 9 1 ""
 42 Frozen: Cooked, 0.000028 0 0 9 1 ""
 212 "14014AA","1AB", 0.001 46 1 1 1 2 "Radishes-roots", ""
 11 Uncooked, 0.001 46 1 1 1 ""
 12 Cooked: NFS, 0.001 46 1 1 1 ""
 213 "14014AB","2", 0.001 35 1 1 1 0 "Radishes-tops", ""
 214 "14015AA","1AB", 0.001 44 1 1 1 0 "Rutabagas-roots", ""
 218 "14018AA","1CD", 0.001 44 1 1 1 6 "Sweet potatoes (incl yams)", ""
 12 Cooked: NFS, 0.001 44 1 1 1 ""
 13 Baked, 0.001 44 1 1 1 ""
 14 Boiled, 0.001 44 1 1 1 ""
 15 Fried, 0.001 44 1 1 1 ""
 32 Canned: Cooked, 0.001 62 1 0.15 1 ""
 34 Canned: Boiled, 0.001 62 1 0.15 1 ""
 219 "14019AA","1AB", 0.001 44 1 1 1 3 "Turnips-roots", ""
 11 Uncooked, 0.001 44 1 1 1 ""
 12 Cooked: NFS, 0.001 44 1 1 1 ""
 14 Boiled, 0.001 44 1 1 1 ""
 227 "15001AA","6C", 0.00025 0 0 1 1 0 "Beans-dry-great northern", "1/2toleranceX%CT"
 228 "15001AB","6C", 0.00025 0 0 1 1 0 "Beans-dry-kidney", "1/2toleranceX%CT"
 229 "15001AC","6C", 0.00025 0 0 1 1 0 "Beans-dry-lima", "1/2toleranceX%CT"
 230 "15001AD","6C", 0.00025 0 0 1 1 0 "Beans-dry-navy (pea)", "1/2toleranceX%CT"
 231 "15001AE","6C", 0.00025 0 0 1 1 0 "Beans-dry-other", "1/2toleranceX%CT"
 232 "15001AF","6C", 0.00025 0 0 1 1 0 "Beans-dry-pinto", "1/2toleranceX%CT"
 233 "15002AA","6B", 1 48 1 1 6 "Beans-succulent-lima", ""
 11 Uncooked, 1 48 1 1 1 ""
 12 Cooked: NFS, 1 48 1 1 1 ""
 14 Boiled, 1 48 1 1 1 ""
 32 Canned: Cooked, 1 54 1 1 1 ""
 42 Frozen: Cooked, 1 54 1 1 1 ""
 44 Frozen: Boiled, 1 54 1 1 1 ""
 234 "15003AA","6A", 1 48 1 1 1 9 "Beans-succulent-green", ""
 11 Uncooked, 1 48 1 1 1 ""
 12 Cooked: NFS, 1 48 1 1 1 ""
 14 Boiled, 1 48 1 1 1 ""
 31 Canned: NFS, 1 54 1 1 1 ""
 32 Canned: Cooked, 1 54 1 1 1 ""
 34 Canned: Boiled, 1 54 1 1 1 ""
 42 Frozen: Cooked, 1 54 1 1 1 ""
 44 Frozen: Boiled, 1 54 1 1 1 ""
 51 Cured: NFS (smoked/p, 1 54 1 1 1 ""
 235 "15003AB","6A", 1 54 1 1 1 1 "Beans-succulent-other", ""
 34 Canned: Boiled, 1 54 1 1 1 ""
 236 "15003AC","6A", 1 48 1 1 1 3 "Beans-succulent-yellow/wax", ""
 14 Boiled, 1 48 1 1 1 ""
 32 Canned: Cooked, 1 54 1 1 1 ""
 42 Frozen: Cooked, 1 54 1 1 1 ""
 240 "15007AA","6C", 0.00025 0 0 1 0.01 5 "Peas (garden)-dry", "1/2toleranceX%CT"
 12 Cooked: NFS, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 14 Boiled, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"

31 Canned: NFS, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 32 Canned: Cooked, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 34 Canned: Boiled, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 241 "15009AA","6AB", 0.001 51 1 1 1 11 "Peas (garden)-green", ""
 11 Uncooked, 0.001 51 1 1 1 ""
 12 Cooked: NFS, 0.001 51 1 1 1 ""
 13 Baked, 0.001 51 1 1 1 ""
 14 Boiled, 0.001 51 1 1 1 ""
 15 Fried, 0.001 51 1 1 1 ""
 31 Canned: NFS, 0.001 51 1 1 1 ""
 32 Canned: Cooked, 0.001 51 1 1 1 ""
 34 Canned: Boiled, 0.001 51 1 1 1 ""
 42 Frozen: Cooked, 0.001 51 1 1 1 ""
 44 Frozen: Boiled, 0.001 51 1 1 1 ""
 45 Frozen: Fried, 0.001 51 1 1 1 ""
 243 "15011AB","6C", 0.00025 0 0 1 1 1 "Lentils", "1/2toleranceX%CT"
 14 Boiled, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 244 "15013AA","6C", 0.00025 0 0 1 0.01 4 "Mung beans (sprouts)", "1/2toleranceX%CT"
 11 Uncooked, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 12 Cooked: NFS, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 14 Boiled, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 15 Fried, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 249 "15022AA","6C", 0.00025 0 0 1 1 0 "Beans-dry-broadbeans", "1/2toleranceX%CT"
 250 "15022AB","6B", 1 48 1 1 1 0 "Beans-succulent-broadbeans", ""
 251 "15023AA","6C", 0.00025 0 0 1 1 0 "Beans-dry-pigeon beans", "1/2toleranceX%CT"
 253 "15027AA","6", 1 48 1 1 1 0 "Beans-unspecified", ""
 255 "15029AA","6A", 0.00032 0 0 0.33 0.01 1 "Soybeans-sprouted seeds", ""
 14 Boiled, 0.00032 0 0 0.33 0.01 ""
 256 "15030AA","6C", 0.00025 0 0 1 1 0 "Beans-dry-hyacinth", "1/2toleranceX%CT"
 257 "15030AB","6", 1 48 1 1 1 0 "Beans-succulent-hyacinth", ""
 258 "15031AA","6C", 0.00025 0 0 1 1 0 "Beans-dry-blackeye peas/cowpea", "1/2toleranceX%CT"
 259 "15032AA","6C", 0.00025 0 0 1 1 0 "Beans-dry-garbanzo/chick pea", "1/2toleranceX%CT"
 260 "16002AA","O", 0.001 52 1 1 1 4 "Asparagus", ""
 11 Uncooked, 0.001 52 1 1 1 ""
 14 Boiled, 0.001 52 1 1 1 ""
 32 Canned: Cooked, 0.001 52 1 1 1 ""
 42 Frozen: Cooked, 0.001 52 1 1 1 ""
 266 "24002EA","15", 0.00088 0 0 0.22 0.08 14 "Corn grain-endosperm", ""
 11 Uncooked, 0.00088 0 0 0.22 0.08 ""
 12 Cooked: NFS, 0.00088 0 0 0.22 0.08 ""
 13 Baked, 0.00088 0 0 0.22 0.08 ""
 14 Boiled, 0.00088 0 0 0.22 0.08 ""
 15 Fried, 0.00088 0 0 0.22 0.08 ""
 31 Canned: NFS, 0.00088 0 0 0.22 0.08 ""
 32 Canned: Cooked, 0.00088 0 0 0.22 0.08 ""
 33 Canned: Baked, 0.00088 0 0 0.22 0.08 ""
 34 Canned: Boiled, 0.00088 0 0 0.22 0.08 ""
 41 Frozen: NFS, 0.00088 0 0 0.22 0.08 ""
 42 Frozen: Cooked, 0.00088 0 0 0.22 0.08 ""
 43 Frozen: Baked, 0.00088 0 0 0.22 0.08 ""
 45 Frozen: Fried, 0.00088 0 0 0.22 0.08 ""
 99 Alcohol/Fermented/Di, 0.00088 0 0 0.22 0.08 ""
 267 "24002HA","15", 0.00088 0 0 1 0.08 5 "Corn grain-bran", ""
 12 Cooked: NFS, 0.00088 0 0 1 0.08 ""
 13 Baked, 0.00088 0 0 1 0.08 ""
 14 Boiled, 0.00088 0 0 1 0.08 ""
 15 Fried, 0.00088 0 0 1 0.08 ""
 31 Canned: NFS, 0.00088 0 0 1 0.08 ""
 268 "24002SA","15", 0.00088 0 0 0.05 0.08 1 "Corn grain/sugar/hfcs", ""
 98 Refined, 0.00088 0 0 0.05 0.08 ""
 276 "24007AA","15", 0.001 53 1 0.86 1 4 "Wheat-rough", ""
 11 Uncooked, 0.001 53 1 0.86 1 ""
 12 Cooked: NFS, 0.001 53 1 0.86 1 ""
 13 Baked, 0.001 53 1 0.86 1 ""
 14 Boiled, 0.001 53 1 0.026 1 ""
 277 "24007GA","15", 0.001 53 1 2.7 1 3 "Wheat-germ", "wheat rough file"
 12 Cooked: NFS, 0.001 53 1 2.7 1 "wheat rough file"
 13 Baked, 0.001 53 1 2.7 1 "wheat rough file"

14 Boiled, 0.001 53 1 0.026 1 "wheat rough file"
 278 "24007HA", "15", 0.001 53 1 3 1 3 "Wheat-bran", "wheat rough file"
 11 Uncooked, 0.001 53 1 3 1 "wheat rough file"
 12 Cooked: NFS, 0.001 53 1 3 1 "wheat rough file"
 13 Baked, 0.001 53 1 3 1 "wheat rough file"
 279 "24007WA", "15", 0.001 53 1 0.145 1 14 "Wheat-flour", "wheat rough file"
 11 Uncooked, 0.001 53 1 0.145 1 "wheat rough file"
 12 Cooked: NFS, 0.001 53 1 0.145 1 "wheat rough file"
 13 Baked, 0.001 53 1 0.145 1 "wheat rough file"
 14 Boiled, 0.001 53 1 0.026 1 "wheat rough file"
 15 Fried, 0.001 53 1 0.145 1 "wheat rough file"
 31 Canned: NFS, 0.001 53 1 0.145 1 "wheat rough file"
 32 Canned: Cooked, 0.001 53 1 0.145 1 "wheat rough file"
 33 Canned: Baked, 0.001 53 1 0.145 1 "wheat rough file"
 34 Canned: Boiled, 0.001 53 1 0.026 1 "wheat rough file"
 41 Frozen: NFS, 0.001 53 1 0.145 1 "wheat rough file"
 42 Frozen: Cooked, 0.001 53 1 0.145 1 "wheat rough file"
 43 Frozen: Baked, 0.001 53 1 0.145 1 "wheat rough file"
 45 Frozen: Fried, 0.001 53 1 0.145 1 "wheat rough file"
 52 Cured: Cooked(smokd/, 0.001 53 1 0.145 1 "wheat rough file"
 282 "25002SA", "1A", 0.00063 0 0 0.1 1 "Sugar-beet", ""
 98 Refined, 0.00063 0 0 0.1 1 ""
 287 "26011AA", "6C", 0.00025 0 0 1 0.01 1 "Guar beans", "1/2toleranceX%CT"
 13 Baked, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 289 "27002OA", "15", 0.00088 0 0 4.5 1 1 "Corn grain-oil", "toleranceX%CT"
 98 Refined, 0.00088 0 0 4.5 1 "toleranceX%CT"
 290 "27003OA", "O", 0.0027 0 0 1 0.06 1 "Cottonseed-oil", "field trial 0.12 ppm x 6% CT X .375"
 98 Refined, 0.0027 0 0 1 0.06 "field trial 0.12 ppm x 6% CT X .375"
 293 "27007OA", "O", 0.001 0 0 2 1 1 "Peanuts-oil", ""
 98 Refined, 0.001 0 0 2 1 ""
 297 "27010OA", "6A", 0.00032 0 0 0.14 1 1 "Soybeans-oil", "1995 AR x 1% CT"
 98 Refined, 0.00032 0 0 0.14 1 "1995 AR x 1% CT"
 298 "27011OA", "O", 0.00046 0 0 1 1 1 "Sunflower-oil", "95AR x 1% CT, PF = 1"
 98 Refined, 0.00046 0 0 1 1 "95AR x 1% CT, PF = 1"
 303 "15023AA", "6A", 0.00032 0 0 1 1 0 "Soybean-other", ""
 304 "28023AB", "6A", 0.00032 0 0 1 1 5 "Soybeans-mature seeds dry", ""
 12 Cooked: NFS, 0.00032 0 0 0 1 1 ""
 13 Baked, 0.00032 0 0 0 1 1 ""
 14 Boiled, 0.00032 0 0 0 1 1 ""
 15 Fried, 0.00032 0 0 0 1 1 ""
 41 Frozen: NFS, 0.00032 0 0 0 1 1 ""
 305 "28023WA", "6A", 0.00032 0 0 0 1 1 5 "Soybeans-flour (full fat)", ""
 12 Cooked: NFS, 0.00032 0 0 0 1 1 ""
 13 Baked, 0.00032 0 0 0 1 1 ""
 14 Boiled, 0.00032 0 0 0 1 1 ""
 34 Canned: Boiled, 0.00032 0 0 0 1 1 ""
 42 Frozen: Cooked, 0.00032 0 0 0 1 1 ""
 306 "28023WB", "6A", 0.00032 0 0 0 1 1 4 "Soybeans-flour (low fat)", ""
 12 Cooked: NFS, 0.00032 0 0 0 1 1 ""
 13 Baked, 0.00032 0 0 0 1 1 ""
 15 Fried, 0.00032 0 0 0 1 1 ""
 31 Canned: NFS, 0.00032 0 0 0 1 1 ""
 307 "28023WC", "6A", 0.00032 0 0 0 1 1 8 "Soybeans-flour (defatted)", ""
 12 Cooked: NFS, 0.00032 0 0 0 1 1 ""
 13 Baked, 0.00032 0 0 0 1 1 ""
 14 Boiled, 0.00032 0 0 0 1 1 ""
 15 Fried, 0.00032 0 0 0 1 1 ""
 31 Canned: NFS, 0.00032 0 0 0 1 1 ""
 34 Canned: Boiled, 0.00032 0 0 0 1 1 ""
 42 Frozen: Cooked, 0.00032 0 0 0 1 1 ""
 98 Refined, 0.00032 0 0 0 1 1 ""
 311 "28080OA", "O", 2.16 0 0 0 1 1 1 "Peppermint-oil", ""
 14 Boiled, 2.16 0 0 0 1 1 ""
 313 "28081OA", "O", 2.16 0 0 0 1 1 0 "Spearmint-oil", ""
 315 "43058AA", "O", 0.00272 2 1 0.02 1 0 "Grapes-wine and sherry", ""
 317 "43060AA", "O", 0.001008 0 0 0 1 1 4 "Gelatin", ""
 12 Cooked: NFS, 0.001008 0 0 0 1 1 ""
 13 Baked, 0.001008 0 0 0 1 1 ""

14 Boiled, 0.001008 0 0 1 1 ""
 41 Frozen: NFS, 0.001008 0 0 1 1 ""
 321 "53001BA","M", 0.001 56 1 0.5 1 0 "Beef-meat byproducts", "marketbasket"
 322 "53001BB","M", 0.001 56 1 0.5 1 0 "Beef-other organ meats", ""
 323 "53001DA","M", 0.001 56 1 0.96 1 0 "Beef-dried", ""
 324 "53001FA","M", 0.001 56 1 2.5 1 0 "Beef-fat w/o bones", ""
 325 "53001KA","M", 0.001 56 1 0.5 1 0 "Beef-kidney", ""
 326 "53001LA","M", 0.001 56 1 0.5 1 0 "Beef-liver", ""
 327 "53001MA","M", 0.001 56 1 0.5 1 0 "Beef-lean (fat/free) w/o bones", ""
 328 "53002BA","M", 0.001 56 1 0.5 1 0 "Goat-meat byproducts", ""
 329 "53002BB","M", 0.001 56 1 0.5 1 0 "Goat-other organ meats", ""
 330 "53002FA","M", 0.001 56 1 2.5 1 0 "Goat-fat w/o bone", ""
 331 "53002KA","M", 0.001 56 1 0.5 1 0 "Goat-kidney", ""
 332 "53002LA","M", 0.001 56 1 0.5 1 0 "Goat-liver", ""
 333 "53002MA","M", 0.001 56 1 0.5 1 0 "Goat-lean (fat/free) w/o bone", ""
 334 "53003AA","M", 0.001 56 1 0.5 1 0 "Horsemeat", ""
 336 "53005BA","M", 0.001 56 1 0.5 1 0 "Sheep-meat byproducts", ""
 337 "53005BB","M", 0.001 56 1 0.5 1 0 "Sheep-other organ meats", ""
 338 "53005FA","M", 0.001 56 1 2.5 1 0 "Sheep-fat w/o bone", ""
 339 "53005KA","M", 0.001 56 1 0.5 1 0 "Sheep-kidney", ""
 340 "53005LA","M", 0.001 56 1 0.5 1 0 "Sheep-liver", ""
 341 "53005MA","M", 0.001 56 1 0.5 1 0 "Sheep-lean (fat free) w/o bone", ""
 342 "53006BA","M", 0.001 57 1 0.5 1 0 "Pork-meat byproducts", "market basket"
 343 "53006BB","M", 0.001 57 1 0.5 1 0 "Pork-other organ meats", ""
 344 "53006FA","M", 0.001 57 1 2.5 1 0 "Pork-fat w/o bone", ""
 345 "53006KA","M", 0.001 57 1 0.5 1 0 "Pork-kidney", ""
 346 "53006LA","M", 0.001 57 1 0.5 1 0 "Pork-liver", ""
 347 "53006MA","M", 0.001 57 1 0.5 1 0 "Pork-lean (fat free) w/o bone", ""
 355 "55008BA","P", 0.000001 47 1 0.5 1 0 "Turkey-byproducts", ""
 356 "55008LA","P", 0.000001 47 1 0.5 1 0 "Turkey-giblets (liver)", ""
 357 "55008MA","P", 0.0000013 61 1 0.5 1 0 "Turkey-fat w/o bones", ""
 358 "55008MB","P", 0.000001 47 1 0.5 1 0 "Turkey- lean/fat free w/o bones", ""
 360 "55013BA","P", 0.000001 47 1 0.5 1 0 "Poultry-other-lean (fat free) w/o bone", ""
 361 "55013LA","P", 0.000001 47 1 0.5 1 0 "Poultry-other-giblets(liver)", ""
 362 "55013MA","P", 0.0000013 61 1 0.5 1 0 "Poultry-other-fat w/o bones", ""
 363 "55014AA","P", 0.000002 63 1 1 1 0 "Eggs-whole", ""
 364 "55014AB","P", 0.000002 63 1 1 1 0 "Eggs-white only", ""
 365 "55014AC","P", 0.000002 63 1 1 1 0 "Eggs-yolk only", ""
 366 "55015BA","P", 0.000001 47 1 0.5 1 0 "Chicken-byproducts", ""
 367 "55015LA","P", 0.000001 47 1 0.5 1 0 "Chicken-giblets(liver)", ""
 368 "55015MA","P", 0.0000013 61 1 0.5 1 0 "Chicken-fat w/o bones", ""
 369 "55015MB","P", 0.000001 47 1 0.5 1 0 "Chicken-lean/fat free w/o bones", ""
 377 "04001JC","11", 0.001 18 1 3 1 4 "Apples-juice-concentrate", ""
 12 Cooked: NFS, 0.001 18 1 3 1 ""
 13 Baked, 0.001 18 1 3 1 ""
 31 Canned: NFS, 0.001 18 1 3 1 ""
 41 Frozen: NFS, 0.001 18 1 3 1 ""
 378 "06002NA","O", 1 28 1 1 1 0 "Bananas-juice", ""
 379 "25002MO","1A", 0.00063 0 0 1 1 1 "Sugar-beet-molasses", ""
 98 Refined, 0.00063 0 0 1 1 ""
 383 "13007SA","5B", 0.001 38 1 1 1 1 "Cabbage-savoy", ""
 12 Cooked: NFS, 0.001 38 1 1 1 ""
 385 "55015EL","P", 0.000001 47 1 0.5 1 0 "Chicken-giblets (excl. liver)", ""
 388 "24002MO","15", 0.00088 0 0 0.05 1 2 "Corn grain/sugar-molasses", ""
 12 Cooked: NFS, 0.00088 0 0 0.05 1 ""
 41 Frozen: NFS, 0.00088 0 0 0.05 1 ""
 389 "01010JC","O", 0.0209 1 1 1 1 1 "Cranberries-juice-concentrate", "3.3 X .3"
 31 Canned: NFS, 0.0209 1 1 1 1 "3.3 X .3"
 392 "01014JC","O", 0.00272 2 1 0.9 1 5 "Grapes-juice-concentrate", "(3.6/1.2)*0.3 CF"
 12 Cooked: NFS, 0.00272 2 1 0.9 1 "(3.6/1.2)*0.3 CF"
 13 Baked, 0.00272 2 1 0.9 1 "(3.6/1.2)*0.3 CF"
 14 Boiled, 0.00272 2 1 0.9 1 "(3.6/1.2)*0.3 CF"
 31 Canned: NFS, 0.00272 2 1 0.9 1 "(3.6/1.2)*0.3 CF"
 41 Frozen: NFS, 0.00272 2 1 0.9 1 "(3.6/1.2)*0.3 CF"
 402 "05004JA","12", 0.001228 69 1 1 1 2 "Peaches-juice", ""
 11 Uncooked, 0.001228 69 1 1 1 ""
 31 Canned: NFS, 0.001228 69 1 1 1 ""
 403 "15006BT","O", 0.001 65 1 1 1 2 "Peanuts-butter", ""

13 Baked, 0.001 65 1 1 1 ""
 14 Boiled, 0.001 65 1 1 1 ""
 404 "04003NA","11", 0.000965 20 1 1 1 7 "Pears-juice", ""
 11 Uncooked, 0.000965 20 1 1 1 ""
 12 Cooked: NFS, 0.000965 20 1 1 1 ""
 13 Baked, 0.000965 20 1 1 1 ""
 31 Canned: NFS, 0.000965 20 1 1 1 ""
 33 Canned: Baked, 0.000965 20 1 1 1 ""
 41 Frozen: NFS, 0.000965 20 1 1 1 ""
 42 Frozen: Cooked, 0.000965 20 1 1 1 ""
 405 "15008AA","6B", 0.001 51 1 1 1 4 "Peas-succulent/blackeye/cowpea", ""
 12 Cooked: NFS, 0.001 51 1 1 1 ""
 14 Boiled, 0.001 51 1 1 1 ""
 32 Canned: Cooked, 0.001 51 1 1 1 ""
 42 Frozen: Cooked, 0.001 51 1 1 1 ""
 407 "14023AA","1AB", 0.001 46 1 1 1 1 "Radishes-japanese (daiken)", ""
 12 Cooked: NFS, 0.001 46 1 1 1 ""
 413 "15009AB","6A", 0.001 48 1 1 1 5 "Snowpeas", ""
 11 Uncooked, 0.001 48 1 1 1 ""
 12 Cooked: NFS, 0.001 48 1 1 1 ""
 14 Boiled, 0.001 48 1 1 1 ""
 15 Fried, 0.001 48 1 1 1 ""
 42 Frozen: Cooked, 0.001 48 1 1 1 ""
 416 "01016JA","O", 0.00022 4 1 0.3 1 5 "Strawberries-juice", ""
 11 Uncooked, 0.00022 4 1 0.3 1 ""
 12 Cooked: NFS, 0.00022 4 1 0.3 1 ""
 13 Baked, 0.00022 4 1 0.3 1 ""
 14 Boiled, 0.00022 4 1 0.3 1 ""
 31 Canned: NFS, 0.00022 4 1 0.3 1 ""
 417 "15018HA","O", 0.00046 68 1 1 1 2 "Sunflower-seeds", "AR x 1% CT"
 11 Uncooked, 0.00046 68 1 1 1 "AR x 1% CT"
 13 Baked, 0.00046 68 1 1 1 "AR x 1% CT"
 418 "14018LV","2", 0.001 35 1 1 1 0 "Sweet potatos-leaves", ""
 420 "02008JC","10", 0.001 71 1 3.2 1 0 "Tangerines-juice-concentrate", "7.35/2.3"
 423 "11005DA","8", 0.00407 34 1 14.3 1 2 "Tomatoes-dried", ""
 12 Cooked: NFS, 0.00407 34 1 14.3 1 ""
 15 Fried, 0.00407 34 1 14.3 1 ""
 431 "030090L","14", 0.0195 0 0 1 1 0 "Walnut oil", "AR calcd from average of FT & %CT"
 437 "24007OL","15", 0.001 53 1 1 1 0 "Wheat-germ oil", "wheat rough file"
 441 "02002JC","10", 0.001 72 1 3.93 1 1 "Grapefruit-juice-concentrate", "8.26/2.1"
 41 Frozen: NFS, 0.001 72 1 3.93 1 1 "8.26/2.1"
 442 "02004JC","10", 0.001 70 1 5.7 1 6 "Lemons-juice-concentrate", "11.4/2"
 12 Cooked: NFS, 0.001 70 1 5.7 1 "11.4/2"
 13 Baked, 0.001 70 1 5.7 1 "11.4/2"
 14 Boiled, 0.001 70 1 5.7 1 "11.4/2"
 31 Canned: NFS, 0.001 70 1 5.7 1 "11.4/2"
 34 Canned: Boiled, 0.001 70 1 5.7 1 "11.4/2"
 41 Frozen: NFS, 0.001 70 1 5.7 1 "11.4/2"
 443 "02005JC","10", 0.001 71 1 3 1 2 "Limes-juice-concentrate", "6/2"
 12 Cooked: NFS, 0.001 71 1 3 1 "6/2"
 41 Frozen: NFS, 0.001 71 1 3 1 "6/2"
 448 "02002HA","10", 0.001 6 1 8 1 0 "Grapefruit peel", ""
 449 "No Code","P", 0.000001 47 1 0.5 1 0 "Turkey-other organ meats", ""
 451 "No Code","5A", 0.001 36 1 1 1 1 "Broccoli-chinese", ""
 14 Boiled, 0.001 36 1 1 1 ""
 452 "No Code","5B", 0.001 59 1 1 1 5 "Bok choy", ""
 11 Uncooked, 0.001 59 1 1 1 ""
 12 Cooked: NFS, 0.001 59 1 1 1 ""
 14 Boiled, 0.001 59 1 1 1 ""
 42 Frozen: Cooked, 0.001 59 1 1 1 ""
 51 Cured: NFS (smoked/p, 0.001 59 1 1 1 "")
 480 "06016GA","O", 1 28 1 1 1 0 "Plantains-green", ""
 481 "06016DA","O", 1 28 1 3.9 1 0 "Plantains-dried", ""
 482 "No Code","O", 0.00032 0 0 1 1 11 "Soybeans-protein isolate", ""
 12 Cooked: NFS, 0.00032 0 0 1 1 ""
 13 Baked, 0.00032 0 0 1 1 ""
 14 Boiled, 0.00032 0 0 1 1 ""
 15 Fried, 0.00032 0 0 1 1 ""

31 Canned: NFS, 0.00032 0 0 1 1 ""
32 Canned: Cooked, 0.00032 0 0 1 1 ""
33 Canned: Baked, 0.00032 0 0 1 1 ""
34 Canned: Boiled, 0.00032 0 0 1 1 ""
41 Frozen: NFS, 0.00032 0 0 1 1 ""
42 Frozen: Cooked, 0.00032 0 0 1 1 ""
51 Cured: NFS (smoked/p, 0.00032 0 0 1 1 "")
484 "No Code", "O", 0.001 46 1 1 1 0 "Radishes-oriental", ""
940 "No Code", "O", 0.001 58 1 1 1 5 "Peanuts-hulled", ""
12 Cooked: NFS, 0.001 58 1 1 1 ""
13 Baked, 0.001 58 1 1 1 ""
14 Boiled, 0.001 58 1 1 1 ""
15 Fried, 0.001 58 1 1 1 ""
41 Frozen: NFS, 0.001 58 1 1 1 ""

Attachment 4.c. Acute Dietary exposure Analysis file Using the Registrant's NFS market Basket Data on Apples for Fresh Apples

```
"Chlorpyrifos "
0
NEWMCD, 0.0005
NOEL,          0 0 0
06-16-2000/09:01:29
73
1 6 "CRANBERRY.RDF", 0
2 6 "Cpygrape.rdf", 0
3 6 "recitrusoth.rdf", 0
4 6 "Straw.rdf", 0
5 6 "regrapefruit.rdf", 0
6 6 "CPYGrapeFruitNBC.RDF", 0
7 6 "CPYCitrusNBC.RDF", 0
8 6 "relemon.rdf", 0
9 6 "CPYIlemonNBC.RDF", 0
10 6 "reorange.rdf", 0
11 6 "cpyorangeprocnbc.rdf", 0
12 6 "Juor.rdf", 0
13 6 "cpyalmon.RDF", 0
14 6 "cpynuts.RDF", 0
15 6 "cypypecan.RDF", 0
16 6 "cpywalnu.RDF", 0
17 6 "regapplenew.RDF", 0
18 6 "regApjuice2.rdf", 0
19 6 "cpypearsingleNB.rdf", 0
20 6 "cpyPearNB-C.rdf", 0
21 6 "Cpychers.rdf", 0
22 6 "Cpychert.rdf", 0
23 6 "nectarine2000NB.rdf", 0
24 6 "peach2000NB.rdf", 0
25 6 "peachcan.rdf", 0
26 6 "plum2000NB.rdf", 0
27 6 "cpyplumb-c.rdf", 0
28 6 "CPYBANAN.rdf", 0
29 6 "kiwi dec.rdf", 0
30 6 "Cpycucu.rdf", 0
31 6 "Cypyump.rdf", 0
32 6 "Cpybellp.rdf", 0
33 6 "tomato2000.rdf", 0
34 6 "tomatoproc.rdf", 0
35 6 "cpyrootg.rdf", 0
36 6 "Cpybroccoli.rdf", 0
37 6 "CpyBruss.rdf", 0
38 6 "cpcabbg.rdf", 0
39 6 "cpcauli.rdf", 0
40 6 "cpcolrd.rdf", 0
41 6 "cakyale.rdf", 0
42 6 "cakyohl.r.rdf", 0
43 6 "cbynistr.rdf", 0
44 6 "sweetpot2000NB.rdf", 0
45 6 "cypionion.RDF", 0
46 6 "radish.rdf", 0
47 6 "CPYCHICKEN.RDF", 0
48 6 "CPYGRBEN.rdf", 0
49 6 "cpcornf.rdf", 0
50 6 "cpcwcrp.rdf", 0
51 6 "cpcsweetpeas.rdf", 0
52 6 "aspara3000.rdf", 0
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53 6 "Cpywhpdp. rdf", 0
54 6 "grbeanproc. rdf", 0
55 6 "CPYMLK. rdf", 0
56 6 "cpyGB. rdf", 0
57 6 "CPYprksa. rdf", 0
58 6 "PEANUT. rdf", 0
59 6 "cpybokch. rdf", 0
60 6 "cpyappleb-c. rdf", 0
61 6 "CPYCHICKFAT. RDF", 0
62 6 "sweetpot2000PB. rdf", 0
63 6 "Cpyegg. rdf", 0
64 6 "APSAUCEPB. RDF", 0
65 6 "Pbutter. rdf", 0
66 6 "figs. rdf", 0
67 6 "mushroom. rdf", 0
68 6 "sunflower. rdf", 0
69 6 "cpypeachnb-c. rdf", 0
70 6 "Julemon. rdf", 0
71 6 "Jucitrus. rdf", 0
72 6 "Jugrafru. rdf", 0
73 6 "plumcan. rdf", 0
-1 "EPA analysis; de-composited PDP/FDA (FT)"
999 1
8 "01010AA", "0", 0.001 1 1 1 1 6 "Cranberries", ""
 11 Uncooked, 0.001 1 1 1 1 1 """
 12 Cooked: NFS, 0.001 1 1 1 1 1 """
 13 Baked, 0.001 1 1 1 1 1 """
 18 Dried, 0.001 1 1 1 1 1 """
 31 Canned: NFS, 0.001 1 1 1 1 1 """
 42 Frozen: Cooked, 0.001 1 1 1 1 1 """
9 "01010JA", "0", 0.0209 1 1 0.3 0.6 3 "Cranberries-juice", ""
 11 Uncooked, 0.0209 1 1 0.3 0.6 """
 12 Cooked: NFS, 0.0209 1 1 0.3 0.6 """
 31 Canned: NFS, 0.0209 1 1 0.3 0.6 """
13 "01014AA", "0", 0.001 2 1 1 1 4 "Grapes", ""
 11 Uncooked, 0.001 2 1 1 1 1 """
 12 Cooked: NFS, 0.001 2 1 1 1 1 """
 31 Canned: NFS, 0.001 2 1 1 1 1 """
 41 Frozen: NFS, 0.001 2 1 1 1 1 """
14 "01014DA", "0", 0.001 2 1 0.17 1 6 "Grapes-raisins", ""
 11 Uncooked, 0.001 2 1 0.17 1 1 """
 12 Cooked: NFS, 0.001 2 1 0.17 1 1 """
 13 Baked, 0.001 2 1 0.17 1 1 """
 14 Boiled, 0.001 2 1 0.17 1 1 """
 18 Dried, 0.001 2 1 0.17 1 1 """
 42 Frozen: Cooked, 0.001 2 1 0.17 1 1 """
15 "01014JA", "0", 0.00272 2 1 0.3 1 6 "Grapes-juice", ""
 11 Uncooked, 0.00272 2 1 0.3 1 1 """
 12 Cooked: NFS, 0.00272 2 1 0.3 1 1 """
 14 Boiled, 0.00272 2 1 0.3 1 1 """
 31 Canned: NFS, 0.00272 2 1 0.3 1 1 """
 34 Canned: Boiled, 0.00272 2 1 0.3 1 1 """
 41 Frozen: NFS, 0.00272 2 1 0.3 1 1 """
17 "01016AA", "0", 0.001 4 1 1 1 7 "Strawberries", ""
 11 Uncooked, 0.001 4 1 1 1 1 """
 12 Cooked: NFS, 0.001 4 1 1 1 1 """
 13 Baked, 0.001 4 1 1 1 1 """
 14 Boiled, 0.001 4 1 1 1 1 """
 31 Canned: NFS, 0.001 4 1 1 1 1 """
 34 Canned: Boiled, 0.001 4 1 1 1 1 """
 41 Frozen: NFS, 0.001 4 1 1 1 1 """
20 "02001AA", "10", 0.001 3 1 1 1 2 "Citrus citron", ""
 13 Baked, 0.001 3 1 1 1 1 """

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14 Boiled, 0.001 3 1 1 1 ""
 22 "02002AB", "10", 0.001 5 1 1 1 3 "Grapefruit-peeled fruit", ""
 11 Uncooked, 0.001 5 1 1 1 ""
 12 Cooked: NFS, 0.001 5 1 1 1 ""
 31 Canned: NFS, 0.001 6 1 1 1 ""
 23 "02002JA", "10", 0.001 72 1 1 1 2 "Grapefruit-juice", ""
 11 Uncooked, 0.001 72 1 1 1 1 ""
 31 Canned: NFS, 0.001 72 1 1 1 1 ""
 24 "02003AA", "10", 0.001 7 1 1 1 0 "Kumquats", ""
 26 "02004AB", "10", 0.001 8 1 1 1 3 "Lemons-peeled fruit", ""
 11 Uncooked, 0.001 8 1 1 1 1 ""
 12 Cooked: NFS, 0.001 8 1 1 1 1 ""
 31 Canned: NFS, 0.001 9 1 1 1 1 ""
 27 "02004HA", "10", 0.001 9 1 15 1 6 "Lemons-peel", ""
 11 Uncooked, 0.001 9 1 15 1 1 ""
 13 Baked, 0.001 9 1 15 1 1 ""
 14 Boiled, 0.001 9 1 15 1 1 ""
 31 Canned: NFS, 0.001 9 1 15 1 1 ""
 34 Canned: Boiled, 0.001 9 1 15 1 1 ""
 41 Frozen: NFS, 0.001 9 1 15 1 1 ""
 28 "02004JA", "10", 0.001 70 1 1 1 10 "Lemons-juice", ""
 11 Uncooked, 0.001 70 1 1 1 1 ""
 12 Cooked: NFS, 0.001 70 1 1 1 1 ""
 13 Baked, 0.001 70 1 1 1 1 ""
 14 Boiled, 0.001 70 1 1 1 1 ""
 15 Fried, 0.001 70 1 1 1 1 ""
 31 Canned: NFS, 0.001 70 1 1 1 1 ""
 32 Canned: Cooked, 0.001 70 1 1 1 1 ""
 34 Canned: Boiled, 0.001 70 1 1 1 1 ""
 41 Frozen: NFS, 0.001 70 1 1 1 1 ""
 42 Frozen: Cooked, 0.001 70 1 1 1 1 ""
 30 "02005AB", "10", 0.001 3 1 3 1 1 "Limes-peeled fruit", ""
 11 Uncooked, 0.001 3 1 3 1 1 ""
 31 "02005HA", "10", 0.001 7 1 15 1 2 "Limes-peel", ""
 13 Baked, 0.001 7 1 15 1 1 ""
 14 Boiled, 0.001 7 1 15 1 1 ""
 32 "02005JA", "10", 0.001 71 1 1 1 5 "Limes-juice", ""
 11 Uncooked, 0.001 71 1 1 1 1 ""
 31 Canned: NFS, 0.001 71 1 1 1 1 ""
 32 Canned: Cooked, 0.001 71 1 1 1 1 ""
 34 Canned: Boiled, 0.001 71 1 1 1 1 ""
 41 Frozen: NFS, 0.001 71 1 1 1 1 ""
 33 "02006JC", "10", 0.001 12 1 3.72 1 0 "Oranges-juice-concentrate", ""
 34 "02006AB", "10", 0.001 10 1 1 1 3 "Oranges-peeled fruit", ""
 11 Uncooked, 0.001 10 1 1 1 1 ""
 12 Cooked: NFS, 0.001 10 1 1 1 1 ""
 31 Canned: NFS, 0.001 11 1 1 1 1 ""
 35 "02006HA", "10", 0.001 11 1 15 1 4 "Oranges-peel", ""
 11 Uncooked, 0.001 11 1 15 1 1 ""
 12 Cooked: NFS, 0.001 11 1 15 1 1 ""
 31 Canned: NFS, 0.001 11 1 15 1 1 ""
 41 Frozen: NFS, 0.001 11 1 15 1 1 ""
 36 "02006JA", "10", 0.001 12 1 1 1 4 "Oranges-juice", ""
 11 Uncooked, 0.001 12 1 1 1 1 ""
 12 Cooked: NFS, 0.001 12 1 1 1 1 ""
 31 Canned: NFS, 0.001 12 1 1 1 1 ""
 41 Frozen: NFS, 0.001 12 1 1 1 1 ""
 37 "02007AA", "10", 0.001 3 1 1 1 0 "Tangelos", ""
 38 "02008AA", "10", 0.001 3 1 1 1 3 "Tangerines", ""
 11 Uncooked, 0.001 3 1 1 1 1 ""
 31 Canned: NFS, 0.001 7 1 1 1 1 ""
 41 Frozen: NFS, 0.001 7 1 1 1 1 ""
 39 "02008JA", "10", 0.001 71 1 1 1 0 "Tangerines-juice", ""

40 "03001AA", "14", 0.001 13 1 1 1 6 "Almonds", ""

 11 Uncooked, 0.001 13 1 1 1 ""

 12 Cooked: NFS, 0.001 13 1 1 1 ""

 13 Baked, 0.001 13 1 1 1 ""

 14 Boiled, 0.001 13 1 1 1 ""

 18 Dried, 0.001 13 1 1 1 ""

 41 Frozen: NFS, 0.001 13 1 1 1 ""

 44 "03005AA", "14", 0.001 14 1 1 1 3 "Filberts (hazel nuts)", ""

 11 Uncooked, 0.001 14 1 1 1 ""

 13 Baked, 0.001 14 1 1 1 ""

 14 Boiled, 0.001 14 1 1 1 ""

 46 "03007AA", "14", 0.001 14 1 1 1 0 "Macadamia nuts (bush nuts)", ""

 47 "03008AA", "14", 0.001 15 1 1 1 3 "Pecans", ""

 11 Uncooked, 0.001 15 1 1 1 ""

 13 Baked, 0.001 15 1 1 1 ""

 14 Boiled, 0.001 15 1 1 1 ""

 48 "03009AA", "14", 0.001 16 1 1 1 3 "Walnuts", ""

 11 Uncooked, 0.001 16 1 1 1 ""

 12 Cooked: NFS, 0.001 16 1 1 1 ""

 13 Baked, 0.001 16 1 1 1 ""

 52 "04001AA", "11", 0.001 17 1 1 1 11 "Apples", ""

 11 Uncooked, 0.001 17 1 1 1 ""

 12 Cooked: NFS, 0.001 17 1 0.15 1 ""

 13 Baked, 0.001 17 1 0.15 1 ""

 14 Boiled, 0.001 64 1 1 1 ""

 15 Fried, 0.001 17 1 0.15 1 ""

 18 Dried, 0.00656 0 0 1 1 "blended"

 31 Canned: NFS, 0.001 64 1 1 1 ""

 32 Canned: Cooked, 0.001 64 1 1 1 ""

 33 Canned: Baked, 0.001 64 1 1 1 ""

 34 Canned: Boiled, 0.001 64 1 1 1 ""

 42 Frozen: Cooked, 0.001 64 1 1 1 ""

 53 "04001DA", "11", 0.00656 60 1 1.2 1 4 "Apples-dried", "partially blended, 8x conc X 0.15"

 13 Baked, 0.00656 60 1 1.2 1 "partially blended, 8x conc X 0.15"

 14 Boiled, 0.00656 60 1 1.2 1 "partially blended, 8x conc X 0.15"

 18 Dried, 0.00656 60 1 1.2 1 "partially blended, 8x conc X 0.15"

 42 Frozen: Cooked, 0.00656 60 1 1.2 1 "partially blended, 8x conc X 0.15"

 54 "04001JA", "11", 0.001 18 1 1 1 5 "Apples-juice/cider", ""

 11 Uncooked, 0.001 18 1 1 1 ""

 12 Cooked: NFS, 0.001 18 1 1 1 ""

 14 Boiled, 0.001 18 1 1 1 ""

 31 Canned: NFS, 0.001 18 1 1 1 ""

 41 Frozen: NFS, 0.001 18 1 1 1 ""

 56 "04003AA", "11", 0.001 19 1 1 1 5 "Pears", ""

 11 Uncooked, 0.001 19 1 1 1 ""

 12 Cooked: NFS, 0.001 19 1 0.15 1 ""

 13 Baked, 0.001 19 1 0.15 1 ""

 14 Boiled, 0.001 19 1 0.15 1 ""

 31 Canned: NFS, 0.001 20 1 0.15 1 ""

 57 "04003DA", "11", 0.000965 20 1 0.94 1 3 "Pears-dried", "6.25 X .15 = .94"

 13 Baked, 0.000965 20 1 0.94 1 "6.25 X .15 = .94"

 14 Boiled, 0.000965 20 1 0.94 1 "6.25 X .15 = .94"

 18 Dried, 0.000965 20 1 0.94 1 "6.25 X .15 = .94"

 61 "05002AA", "12", 0.001 21 1 1 1 7 "Cherries", "sweet"

 11 Uncooked, 0.001 21 1 1 1 "sweet"

 12 Cooked: NFS, 0.001 21 1 1 1 "sweet"

 13 Baked, 0.001 21 1 1 1 "sweet"

 14 Boiled, 0.001 21 1 1 1 "sweet"

 31 Canned: NFS, 0.001 22 1 1 1 "tart"

 33 Canned: Baked, 0.001 22 1 1 1 "tart"

 41 Frozen: NFS, 0.001 22 1 1 1 "tart"

 62 "05002DA", "12", 0.001 22 1 4 1 0 "Cherries-dried", "tart"

 63 "05002JA", "12", 0.00119 22 1 0.3 1 4 "Cherries-juice", "tart"

13 Baked, 0.00119 22 1 0.3 1 "tart"
 14 Boiled, 0.00119 22 1 0.3 1 "tart"
 31 Canned: NFS, 0.00119 22 1 0.3 1 "tart"
 41 Frozen: NFS, 0.00119 22 1 0.3 1 "tart"
 64 "05003AA", "12", 0.001 23 1 1 1 1 "Nectarines", ""
 11 Uncooked, 0.001 23 1 1 1 ""
 65 "05004AA", "12", 0.001 24 1 1 1 6 "Peaches", ""
 11 Uncooked, 0.001 24 1 1 1 ""
 12 Cooked: NFS, 0.001 24 1 1 1 ""
 13 Baked, 0.001 24 1 1 1 ""
 14 Boiled, 0.001 24 1 1 1 ""
 31 Canned: NFS, 0.001 25 1 1 1 ""
 41 Frozen: NFS, 0.001 25 1 1 1 ""
 66 "05004DA", "12", 0.001228 69 1 7 1 2 "Peaches-dried", ""
 14 Boiled, 0.001228 69 1 7 1 ""
 18 Dried, 0.001228 69 1 7 1 ""
 67 "05005AA", "12", 0.001 26 1 1 1 5 "Plums (damsons)", ""
 11 Uncooked, 0.001 26 1 1 1 ""
 12 Cooked: NFS, 0.001 26 1 1 1 ""
 31 Canned: NFS, 0.001 73 1 1 1 ""
 42 Frozen: Cooked, 0.001 73 1 1 1 ""
 51 Cured: NFS (smoked/p, 0.001 73 1 1 1 "")
 68 "05005DA", "12", 0.001 27 1 5 1 4 "Plums-prunes (dried)", ""
 13 Baked, 0.001 27 1 5 1 ""
 14 Boiled, 0.001 27 1 5 1 ""
 18 Dried, 0.001 27 1 5 1 ""
 31 Canned: NFS, 0.001 27 1 5 1 ""
 69 "05005JA", "12", 0.00055 27 1 1.4 1 2 "Plums/prune-juice", ""
 11 Uncooked, 0.00055 27 1 1.4 1 ""
 31 Canned: NFS, 0.00055 27 1 1.4 1 ""
 72 "06002AB", "0", 1 28 1 1 1 0 "Bananas", ""
 73 "06002DA", "0", 1 28 1 3.9 1 0 "Bananas-dried", ""
 78 "06005AA", "0", 0.0001 66 1 1 0.01 2 "Figs", ""
 11 Uncooked, 0.0001 66 1 1 0.01 ""
 13 Baked, 0.0001 66 1 1 0.01 ""
 94 "06016AA", "0", 1 28 1 1 1 0 "Plantains-ripe", ""
 97 "06018AA", "0", 0.001 29 1 0.15 1 2 "Kiwi fruit", ""
 11 Uncooked, 0.001 29 1 0.15 1 ""
 31 Canned: NFS, 0.001 29 1 0.15 1 ""
 148 "10010AA", "9B", 0.001 30 1 1 1 3 "Cucumbers", ""
 11 Uncooked, 0.001 30 1 1 1 ""
 34 Canned: Boiled, 0.001 30 1 1 1 ""
 60 Canned: Cured, 0.001 30 1 1 1 ""
 149 "10011AA", "9B", 0.001 31 1 1 1 6 "Pumpkin", ""
 12 Cooked: NFS, 0.001 31 1 1 1 ""
 13 Baked, 0.001 31 1 1 1 ""
 14 Boiled, 0.001 31 1 1 1 ""
 15 Fried, 0.001 31 1 1 1 ""
 33 Canned: Baked, 0.001 31 1 1 1 ""
 34 Canned: Boiled, 0.001 31 1 1 1 ""
 155 "11003AA", "8", 0.001 32 1 1 1 9 "Peppers-sweet(garden)", ""
 11 Uncooked, 0.001 32 1 1 1 ""
 12 Cooked: NFS, 0.001 32 1 1 1 ""
 13 Baked, 0.001 32 1 1 1 ""
 14 Boiled, 0.001 32 1 1 1 ""
 31 Canned: NFS, 0.001 32 1 1 1 ""
 32 Canned: Cooked, 0.001 32 1 1 1 ""
 34 Canned: Boiled, 0.001 32 1 1 1 ""
 42 Frozen: Cooked, 0.001 32 1 1 1 ""
 51 Cured: NFS (smoked/p, 0.001 32 1 1 1 "")
 156 "11003AB", "8", 0.001 32 1 1 1 13 "Peppers-chilli incl jalapeno", ""
 11 Uncooked, 0.001 32 1 1 1 ""
 12 Cooked: NFS, 0.001 32 1 1 1 ""

13 Baked, 0.001 32 1 1 1 ""
 14 Boiled, 0.001 32 1 1 1 ""
 15 Fried, 0.001 32 1 1 1 ""
 31 Canned: NFS, 0.001 32 1 1 1 1 ""
 32 Canned: Cooked, 0.001 32 1 1 1 1 ""
 33 Canned: Baked, 0.001 32 1 1 1 1 ""
 34 Canned: Boiled, 0.001 32 1 1 1 1 ""
 42 Frozen: Cooked, 0.001 32 1 1 1 1 ""
 51 Cured: NFS (smoked/p, 0.001 32 1 1 1 1 ""
 52 Cured: Cooked(smokd/, 0.001 32 1 1 1 1 ""
 60 Canned: Cured, 0.001 32 1 1 1 1 ""
 157 "11003AD", "8", 0.001 32 1 1 1 1 "Peppers-other", ""
 11 Uncooked, 0.001 32 1 1 1 1 ""
 159 "11005AA", "8", 0.001 33 1 1 1 10 "Tomatoes-whole", ""
 11 Uncooked, 0.001 33 1 1 1 1 ""
 12 Cooked: NFS, 0.001 33 1 1 1 1 ""
 13 Baked, 0.001 33 1 1 1 1 ""
 14 Boiled, 0.001 33 1 1 1 1 ""
 15 Fried, 0.001 33 1 1 1 1 ""
 31 Canned: NFS, 0.001 34 1 1 1 1 ""
 32 Canned: Cooked, 0.001 34 1 1 1 1 ""
 33 Canned: Baked, 0.001 34 1 1 1 1 ""
 34 Canned: Boiled, 0.001 34 1 1 1 1 ""
 42 Frozen: Cooked, 0.001 33 1 1 1 1 ""
 160 "11005JA", "8", 0.00407 34 1 0.03 1 4 "Tomatoes-juice", ""
 31 Canned: NFS, 0.00407 34 1 0.03 1 1 ""
 32 Canned: Cooked, 0.00407 34 1 0.03 1 1 ""
 34 Canned: Boiled, 0.00407 34 1 0.03 1 1 ""
 42 Frozen: Cooked, 0.00407 34 1 0.03 1 1 ""
 161 "11005RA", "8", 0.00407 34 1 0.1 1 7 "Tomatoes-puree", ""
 12 Cooked: NFS, 0.00407 34 1 0.1 1 1 ""
 14 Boiled, 0.00407 34 1 0.1 1 1 ""
 31 Canned: NFS, 0.00407 34 1 0.1 1 1 ""
 32 Canned: Cooked, 0.00407 34 1 0.1 1 1 ""
 33 Canned: Baked, 0.00407 34 1 0.1 1 1 ""
 34 Canned: Boiled, 0.00407 34 1 0.1 1 1 ""
 42 Frozen: Cooked, 0.00407 34 1 0.1 1 1 ""
 162 "11005TA", "8", 0.00407 34 1 0.1 1 6 "Tomatoes-paste", ""
 14 Boiled, 0.00407 34 1 0.1 1 1 ""
 31 Canned: NFS, 0.00407 34 1 0.1 1 1 ""
 32 Canned: Cooked, 0.00407 34 1 0.1 1 1 ""
 33 Canned: Baked, 0.00407 34 1 0.1 1 1 ""
 34 Canned: Boiled, 0.00407 34 1 0.1 1 1 ""
 42 Frozen: Cooked, 0.00407 34 1 0.1 1 1 ""
 163 "11005UA", "8", 0.00407 34 1 0.1 1 1 "Tomatoes-catsup", ""
 34 Canned: Boiled, 0.00407 34 1 0.1 1 1 ""
 168 "13005AA", "5A", 0.001 36 1 1 1 8 "Broccoli", ""
 11 Uncooked, 0.001 36 1 1 1 1 ""
 12 Cooked: NFS, 0.001 36 1 1 1 1 ""
 13 Baked, 0.001 36 1 1 1 1 ""
 14 Boiled, 0.001 36 1 1 1 1 ""
 15 Fried, 0.001 36 1 1 1 1 ""
 32 Canned: Cooked, 0.001 36 1 1 1 1 ""
 42 Frozen: Cooked, 0.001 36 1 1 1 1 ""
 44 Frozen: Boiled, 0.001 36 1 1 1 1 ""
 169 "13006AA", "5A", 0.001 37 1 1 1 2 "Brussels sprouts", ""
 14 Boiled, 0.001 37 1 1 1 1 ""
 42 Frozen: Cooked, 0.001 37 1 1 1 1 ""
 170 "13007AA", "5A", 0.001 38 1 1 1 8 "Cabbage-green and red", ""
 11 Uncooked, 0.001 38 1 1 1 1 ""
 12 Cooked: NFS, 0.001 38 1 1 1 1 ""
 13 Baked, 0.001 38 1 1 1 1 ""
 14 Boiled, 0.001 38 1 1 1 1 ""

15 Fried, 0.001 38 1 1 1 ""
 31 Canned: NFS, 0.001 38 1 1 1 ""
 32 Cooked: Cooked, 0.001 38 1 1 1 ""
 51 Cured: NFS (smoked/p, 0.001 38 1 1 1 "")
 171 "13008AA", "5A", 0.001 39 1 1 1 5 "Cauliflower", ""
 11 Uncooked, 0.001 39 1 1 1 ""
 12 Cooked: NFS, 0.001 39 1 1 1 ""
 14 Boiled, 0.001 39 1 1 1 ""
 15 Fried, 0.001 39 1 1 1 ""
 42 Frozen: Cooked, 0.001 39 1 1 1 1 ""
 172 "13009AA", "5B", 0.001 40 1 1 1 3 "Collards", ""
 14 Boiled, 0.001 40 1 1 1 ""
 32 Canned: Cooked, 0.001 40 1 1 1 1 ""
 42 Frozen: Cooked, 0.001 40 1 1 1 ""
 174 "13011AA", "5B", 0.001 41 1 1 1 3 "Kale", ""
 12 Cooked: NFS, 0.001 41 1 1 1 ""
 14 Boiled, 0.001 41 1 1 1 ""
 32 Canned: Cooked, 0.001 41 1 1 1 1 ""
 175 "13012AA", "5A", 0.001 42 1 1 1 1 "Kohlrabi", ""
 14 Boiled, 0.001 42 1 1 1 ""
 183 "13021AA", "5B", 0.001 43 1 1 1 1 "Mustard greens", ""
 14 Boiled, 0.001 43 1 1 1 ""
 188 "13026AA", "2", 0.001 35 1 1 1 3 "Turnips-tops", ""
 14 Boiled, 0.001 35 1 1 1 ""
 32 Canned: Cooked, 0.001 35 1 1 1 1 ""
 44 Frozen: Boiled, 0.001 35 1 1 1 ""
 195 "13049AA", "0", 0.5 2 1 1.5 1 1 "Grapes-leaves", ""
 14 Boiled, 0.5 2 1 1.5 1 ""
 205 "14011AA", "3", 0.001 45 1 1 1 12 "Onions-dry-bulb (cipollini)", ""
 11 Uncooked, 0.001 45 1 1 1 1 ""
 12 Cooked: NFS, 0.001 45 1 1 1 1 ""
 13 Baked, 0.001 45 1 1 1 ""
 14 Boiled, 0.001 45 1 1 1 1 ""
 15 Fried, 0.001 45 1 1 1 ""
 31 Canned: NFS, 0.001 45 1 1 1 1 ""
 32 Canned: Cooked, 0.001 45 1 1 1 1 ""
 34 Canned: Boiled, 0.001 45 1 1 1 1 ""
 42 Frozen: Cooked, 0.001 45 1 1 1 1 ""
 43 Frozen: Baked, 0.001 45 1 1 1 1 ""
 44 Frozen: Boiled, 0.001 45 1 1 1 1 ""
 60 Canned: Cured, 0.001 45 1 1 1 1 ""
 206 "14011DA", "3", 0.000028 0 0 9 1 8 "Onions-dehydrated or dried", ""
 12 Cooked: NFS, 0.000028 0 0 9 1 1 ""
 13 Baked, 0.000028 0 0 9 1 1 ""
 14 Boiled, 0.000028 0 0 9 1 1 ""
 15 Fried, 0.000028 0 0 9 1 1 ""
 31 Canned: NFS, 0.000028 0 0 9 1 1 ""
 32 Canned: Cooked, 0.000028 0 0 9 1 1 ""
 34 Canned: Boiled, 0.000028 0 0 9 1 1 ""
 42 Frozen: Cooked, 0.000028 0 0 9 1 1 ""
 212 "14014AA", "1AB", 0.001 46 1 1 1 2 "Radishes-roots", ""
 11 Uncooked, 0.001 46 1 1 1 1 ""
 12 Cooked: NFS, 0.001 46 1 1 1 1 ""
 213 "14014AB", "2", 0.001 35 1 1 1 0 "Radishes-tops", ""
 214 "14015AA", "1AB", 0.001 44 1 1 1 0 "Rutabagas-roots", ""
 218 "14018AA", "1CD", 0.001 44 1 1 1 6 "Sweet potatoes (incl yams)", ""
 12 Cooked: NFS, 0.001 44 1 1 1 1 ""
 13 Baked, 0.001 44 1 1 1 1 ""
 14 Boiled, 0.001 44 1 1 1 1 ""
 15 Fried, 0.001 44 1 1 1 1 ""
 32 Canned: Cooked, 0.001 62 1 0.15 1 1 ""
 34 Canned: Boiled, 0.001 62 1 0.15 1 1 ""
 219 "14019AA", "1AB", 0.001 44 1 1 1 3 "Turnips-roots", ""

11 Uncooked, 0. 001 44 1 1 1 ""
 12 Cooked: NFS, 0. 001 44 1 1 1 ""
 14 Boiled, 0. 001 44 1 1 1 ""
 227 "15001AA", "6C", 0. 00025 0 0 1 1 0 "Beans-dry-great northern", "1/2toleranceX%CT"
 228 "15001AB", "6C", 0. 00025 0 0 1 1 0 "Beans-dry-kidney", "1/2toleranceX%CT"
 229 "15001AC", "6C", 0. 00025 0 0 1 1 0 "Beans-dry-lima", "1/2toleranceX%CT"
 230 "15001AD", "6C", 0. 00025 0 0 1 1 0 "Beans-dry-navy (pea)", "1/2toleranceX%CT"
 231 "15001AE", "6C", 0. 00025 0 0 1 1 0 "Beans-dry-other", "1/2toleranceX%CT"
 232 "15001AF", "6C", 0. 00025 0 0 1 1 0 "Beans-dry-pinto", "1/2toleranceX%CT"
 233 "15002AA", "6B", 1 48 1 1 1 6 "Beans-succulent-lima", ""
 11 Uncooked, 1 48 1 1 1 1 ""
 12 Cooked: NFS, 1 48 1 1 1 1 ""
 14 Boiled, 1 48 1 1 1 1 ""
 32 Canned: Cooked, 1 54 1 1 1 1 ""
 42 Frozen: Cooked, 1 54 1 1 1 1 ""
 44 Frozen: Boiled, 1 54 1 1 1 1 ""
 234 "15003AA", "6A", 1 48 1 1 1 9 "Beans-succulent-green", ""
 11 Uncooked, 1 48 1 1 1 1 ""
 12 Cooked: NFS, 1 48 1 1 1 1 ""
 14 Boiled, 1 48 1 1 1 1 ""
 31 Canned: NFS, 1 54 1 1 1 1 ""
 32 Canned: Cooked, 1 54 1 1 1 1 ""
 34 Canned: Boiled, 1 54 1 1 1 1 ""
 42 Frozen: Cooked, 1 54 1 1 1 1 ""
 44 Frozen: Boiled, 1 54 1 1 1 1 ""
 51 Cured: NFS (smoked/p, 1 54 1 1 1 1 ""
 235 "15003AB", "6A", 1 54 1 1 1 1 "Beans-succulent-other", ""
 34 Canned: Boiled, 1 54 1 1 1 1 ""
 236 "15003AC", "6A", 1 48 1 1 1 3 "Beans-succulent-yellow/wax", ""
 14 Boiled, 1 48 1 1 1 1 ""
 32 Canned: Cooked, 1 54 1 1 1 1 ""
 42 Frozen: Cooked, 1 54 1 1 1 1 ""
 240 "15007AA", "6C", 0. 00025 0 0 1 0.01 5 "Peas (garden)-dry", "1/2toleranceX%CT"
 12 Cooked: NFS, 0. 00025 0 0 1 0.01 "1/2toleranceX%CT"
 14 Boiled, 0. 00025 0 0 1 0.01 "1/2toleranceX%CT"
 31 Canned: NFS, 0. 00025 0 0 1 0.01 "1/2toleranceX%CT"
 32 Canned: Cooked, 0. 00025 0 0 1 0.01 "1/2toleranceX%CT"
 34 Canned: Boiled, 0. 00025 0 0 1 0.01 "1/2toleranceX%CT"
 241 "15009AA", "6AB", 0. 001 51 1 1 1 11 "Peas (garden)-green", ""
 11 Uncooked, 0. 001 51 1 1 1 1 ""
 12 Cooked: NFS, 0. 001 51 1 1 1 1 ""
 13 Baked, 0. 001 51 1 1 1 1 ""
 14 Boiled, 0. 001 51 1 1 1 1 ""
 15 Fried, 0. 001 51 1 1 1 1 ""
 31 Canned: NFS, 0. 001 51 1 1 1 1 ""
 32 Canned: Cooked, 0. 001 51 1 1 1 1 ""
 34 Canned: Boiled, 0. 001 51 1 1 1 1 ""
 42 Frozen: Cooked, 0. 001 51 1 1 1 1 ""
 44 Frozen: Boiled, 0. 001 51 1 1 1 1 ""
 45 Frozen: Fried, 0. 001 51 1 1 1 1 ""
 243 "15011AB", "6C", 0. 00025 0 0 1 1 1 "Lentils", "1/2toleranceX%CT"
 14 Boiled, 0. 00025 0 0 1 0.01 "1/2toleranceX%CT"
 244 "15013AA", "6C", 0. 00025 0 0 1 0.01 4 "Mung beans (sprouts)", "1/2toleranceX%CT"
 11 Uncooked, 0. 00025 0 0 1 0.01 "1/2toleranceX%CT"
 12 Cooked: NFS, 0. 00025 0 0 1 0.01 "1/2toleranceX%CT"
 14 Boiled, 0. 00025 0 0 1 0.01 "1/2toleranceX%CT"
 15 Fried, 0. 00025 0 0 1 0.01 "1/2toleranceX%CT"
 249 "15022AA", "6C", 0. 00025 0 0 1 1 0 "Beans-dry-broadbeans", "1/2toleranceX%CT"
 250 "15022AB", "6B", 1 48 1 1 1 0 "Beans-succulent-broadbeans", ""
 251 "15023AA", "6C", 0. 00025 0 0 1 1 0 "Beans-dry-pigeon beans", "1/2toleranceX%CT"
 253 "15027AA", "6", 1 48 1 1 1 0 "Beans-unspecified", ""
 255 "15029AA", "6A", 0. 00032 0 0 0.33 0.01 1 "Soybeans-sprouted seeds", ""
 14 Boiled, 0. 00032 0 0 0.33 0.01 ""

256 "15030AA", "6C", 0.00025 0 0 1 1 0 "Beans-dry-hyacinth", "1/2toleranceX%CT"
 257 "15030AB", "6", 1 48 1 1 1 0 "Beans-succulent-hyacinth", ""
 258 "15031AA", "6C", 0.00025 0 0 1 1 0 "Beans-dry-blackeye peas/cowpea", "1/2toleranceX%CT"
 259 "15032AA", "6C", 0.00025 0 0 1 1 0 "Beans-dry-garbanzo/chick pea", "1/2toleranceX%CT"
 260 "16002AA", "0", 0.001 52 1 1 1 4 "Asparagus", "
 11 Uncooked, 0.001 52 1 1 1 "
 14 Boiled, 0.001 52 1 1 1 "
 32 Canned: Cooked, 0.001 52 1 1 1 "
 42 Frozen: Cooked, 0.001 52 1 1 1 "
 266 "24002EA", "15", 0.00088 0 0 0.22 0.08 14 "Corn grain-endosperm", "
 11 Uncooked, 0.00088 0 0 0.22 0.08 "
 12 Cooked: NFS, 0.00088 0 0 0.22 0.08 "
 13 Baked, 0.00088 0 0 0.22 0.08 "
 14 Boiled, 0.00088 0 0 0.22 0.08 "
 15 Fried, 0.00088 0 0 0.22 0.08 "
 31 Canned: NFS, 0.00088 0 0 0.22 0.08 "
 32 Canned: Cooked, 0.00088 0 0 0.22 0.08 "
 33 Canned: Baked, 0.00088 0 0 0.22 0.08 "
 34 Canned: Boiled, 0.00088 0 0 0.22 0.08 "
 41 Frozen: NFS, 0.00088 0 0 0.22 0.08 "
 42 Frozen: Cooked, 0.00088 0 0 0.22 0.08 "
 43 Frozen: Baked, 0.00088 0 0 0.22 0.08 "
 45 Frozen: Fried, 0.00088 0 0 0.22 0.08 "
 99 Alcohol/Fermented/Di, 0.00088 0 0 0.22 0.08 "
 267 "24002HA", "15", 0.00088 0 0 1 0.08 5 "Corn grain-bran", "
 12 Cooked: NFS, 0.00088 0 0 1 0.08 "
 13 Baked, 0.00088 0 0 1 0.08 "
 14 Boiled, 0.00088 0 0 1 0.08 "
 15 Fried, 0.00088 0 0 1 0.08 "
 31 Canned: NFS, 0.00088 0 0 1 0.08 "
 268 "24002SA", "15", 0.00088 0 0 0.05 0.08 1 "Corn grain/sugar/hfcs", "
 98 Refined, 0.00088 0 0 0.05 0.08 "
 276 "24007AA", "15", 0.001 53 1 0.86 1 4 "Wheat-rough", "
 11 Uncooked, 0.001 53 1 0.86 1 "
 12 Cooked: NFS, 0.001 53 1 0.86 1 "
 13 Baked, 0.001 53 1 0.86 1 "
 14 Boiled, 0.001 53 1 0.026 1 "
 277 "24007GA", "15", 0.001 53 1 2.7 1 3 "Wheat-germ", "wheat rough file"
 12 Cooked: NFS, 0.001 53 1 2.7 1 "wheat rough file"
 13 Baked, 0.001 53 1 2.7 1 "wheat rough file"
 14 Boiled, 0.001 53 1 0.026 1 "wheat rough file"
 278 "24007HA", "15", 0.001 53 1 3 1 3 "Wheat-bran", "wheat rough file"
 11 Uncooked, 0.001 53 1 3 1 "wheat rough file"
 12 Cooked: NFS, 0.001 53 1 3 1 "wheat rough file"
 13 Baked, 0.001 53 1 3 1 "wheat rough file"
 279 "24007WA", "15", 0.001 53 1 0.145 1 14 "Wheat-flour", "wheat rough file"
 11 Uncooked, 0.001 53 1 0.145 1 "wheat rough file"
 12 Cooked: NFS, 0.001 53 1 0.145 1 "wheat rough file"
 13 Baked, 0.001 53 1 0.145 1 "wheat rough file"
 14 Boiled, 0.001 53 1 0.026 1 "wheat rough file"
 15 Fried, 0.001 53 1 0.145 1 "wheat rough file"
 31 Canned: NFS, 0.001 53 1 0.145 1 "wheat rough file"
 32 Canned: Cooked, 0.001 53 1 0.145 1 "wheat rough file"
 33 Canned: Baked, 0.001 53 1 0.145 1 "wheat rough file"
 34 Canned: Boiled, 0.001 53 1 0.026 1 "wheat rough file"
 41 Frozen: NFS, 0.001 53 1 0.145 1 "wheat rough file"
 42 Frozen: Cooked, 0.001 53 1 0.145 1 "wheat rough file"
 43 Frozen: Baked, 0.001 53 1 0.145 1 "wheat rough file"
 45 Frozen: Fried, 0.001 53 1 0.145 1 "wheat rough file"
 52 Cured: Cooked(smoked), 0.001 53 1 0.145 1 "wheat rough file"
 282 "25002SA", "1A", 0.00063 0 0 0.1 1 1 "Sugar-beet", "
 98 Refined, 0.00063 0 0 0.1 1 "
 287 "26011AA", "6C", 0.00025 0 0 1 0.01 1 "Guar beans", "1/2toleranceX%CT"

13 Baked, 0. 00025 0 0 1 0.01 "1/2toleranceX%CT"
 289 "270020A", "15", 0. 00088 0 0 4.5 1 1 "Corn grain-oil", "toleranceX%CT"
 98 Refined, 0. 00088 0 0 4.5 1 "toleranceX%CT"
 290 "270030A", "0", 0. 0027 0 0 1 0.06 1 "Cottonseed-oil", "field trial 0.12 ppm x 6% CT X .375"
 98 Refined, 0. 0027 0 0 1 0.06 "field trial 0.12 ppm x 6% CT X .375"
 293 "270070A", "0", 0. 001 0 0 2 1 1 "Peanuts-oil", "
 98 Refined, 0. 001 0 0 2 1 "
 297 "270100A", "6A", 0. 00032 0 0 0.14 1 1 "Soybeans-oil", "1995 AR x 1% CT"
 98 Refined, 0. 00032 0 0 0.14 1 "1995 AR x 1% CT"
 298 "270110A", "0", 0. 00046 0 0 1 1 1 "Sunflower-oil", "95AR x 1% CT, PF = 1"
 98 Refined, 0. 00046 0 0 1 1 "95AR x 1% CT, PF = 1"
 303 "15023AA", "6A", 0. 00032 0 0 1 1 0 "Soybean-other", "
 304 "28023AB", "6A", 0. 00032 0 0 1 1 5 "Soybeans-mature seeds dry", "
 12 Cooked: NFS, 0. 00032 0 0 1 1 "
 13 Baked, 0. 00032 0 0 1 1 "
 14 Boiled, 0. 00032 0 0 1 1 "
 15 Fried, 0. 00032 0 0 1 1 "
 41 Frozen: NFS, 0. 00032 0 0 1 1 "
 305 "28023WA", "6A", 0. 00032 0 0 1 1 5 "Soybeans-flour (full fat)", "
 12 Cooked: NFS, 0. 00032 0 0 1 1 "
 13 Baked, 0. 00032 0 0 1 1 "
 14 Boiled, 0. 00032 0 0 1 1 "
 34 Canned: Boiled, 0. 00032 0 0 1 1 "
 42 Frozen: Cooked, 0. 00032 0 0 1 1 "
 306 "28023WB", "6A", 0. 00032 0 0 1 1 4 "Soybeans-flour (low fat)", "
 12 Cooked: NFS, 0. 00032 0 0 1 1 "
 13 Baked, 0. 00032 0 0 1 1 "
 15 Fried, 0. 00032 0 0 1 1 "
 31 Canned: NFS, 0. 00032 0 0 1 1 "
 307 "28023WC", "6A", 0. 00032 0 0 1 1 8 "Soybeans-flour (defatted)", "
 12 Cooked: NFS, 0. 00032 0 0 1 1 "
 13 Baked, 0. 00032 0 0 1 1 "
 14 Boiled, 0. 00032 0 0 1 1 "
 15 Fried, 0. 00032 0 0 1 1 "
 31 Canned: NFS, 0. 00032 0 0 1 1 "
 34 Canned: Boiled, 0. 00032 0 0 1 1 "
 42 Frozen: Cooked, 0. 00032 0 0 1 1 "
 98 Refined, 0. 00032 0 0 1 1 "
 311 "280800A", "0", 2.16 0 0 1 1 1 "Peppermint-oil", "
 14 Boiled, 2.16 0 0 1 1 "
 313 "280810A", "0", 2.16 0 0 1 1 0 "Spearmint-oil", "
 315 "43058AA", "0", 0.00272 2 1 0.02 1 0 "Grapes-wine and sherry", "
 317 "43060AA", "0", 0.001008 0 0 1 1 4 "Gelatin", "
 12 Cooked: NFS, 0. 001008 0 0 1 1 "
 13 Baked, 0. 001008 0 0 1 1 "
 14 Boiled, 0. 001008 0 0 1 1 "
 41 Frozen: NFS, 0. 001008 0 0 1 1 "
 321 "53001BA", "M", 0. 001 56 1 0.5 1 0 "Beef-meat byproducts", "marketbasket"
 322 "53001BB", "M", 0. 001 56 1 0.5 1 0 "Beef-other organ meats", "
 323 "53001DA", "M", 0. 001 56 1 0.96 1 0 "Beef-dried", "
 324 "53001FA", "M", 0. 001 56 1 2.5 1 0 "Beef-fat w/o bones", "
 325 "53001KA", "M", 0. 001 56 1 0.5 1 0 "Beef-kidney", "
 326 "53001LA", "M", 0. 001 56 1 0.5 1 0 "Beef-liver", "
 327 "53001MA", "M", 0. 001 56 1 0.5 1 0 "Beef-lean (fat/free) w/o bones", "
 328 "53002BA", "M", 0. 001 56 1 0.5 1 0 "Goat-meat byproducts", "
 329 "53002BB", "M", 0. 001 56 1 0.5 1 0 "Goat-other organ meats", "
 330 "53002FA", "M", 0. 001 56 1 2.5 1 0 "Goat-fat w/o bone", "
 331 "53002KA", "M", 0. 001 56 1 0.5 1 0 "Goat-kidney", "
 332 "53002LA", "M", 0. 001 56 1 0.5 1 0 "Goat-liver", "
 333 "53002MA", "M", 0. 001 56 1 0.5 1 0 "Goat-lean (fat/free) w/o bone", "
 334 "53003AA", "M", 0. 001 56 1 0.5 1 0 "Horsemeat", "
 336 "53005BA", "M", 0. 001 56 1 0.5 1 0 "Sheep-meat byproducts", "

337 "53005BB", "M", 0.001 56 1 0.5 1 0 "Sheep-other organ meats", ""

 338 "53005FA", "M", 0.001 56 1 2.5 1 0 "Sheep-fat w/o bone", ""

 339 "53005KA", "M", 0.001 56 1 0.5 1 0 "Sheep-kidney", ""

 340 "53005LA", "M", 0.001 56 1 0.5 1 0 "Sheep-liver", ""

 341 "53005MA", "M", 0.001 56 1 0.5 1 0 "Sheep-lean (fat free) w/o bone", ""

 342 "53006BA", "M", 0.001 57 1 0.5 1 0 "Pork-meat byproducts", "market basket"

 343 "53006BB", "M", 0.001 57 1 0.5 1 0 "Pork-other organ meats", ""

 344 "53006FA", "M", 0.001 57 1 2.5 1 0 "Pork-fat w/o bone", ""

 345 "53006KA", "M", 0.001 57 1 0.5 1 0 "Pork-kidney", ""

 346 "53006LA", "M", 0.001 57 1 0.5 1 0 "Pork-liver", ""

 347 "53006MA", "M", 0.001 57 1 0.5 1 0 "Pork-lean (fat free) w/o bone", ""

 355 "55008BA", "P", 0.000001 47 1 0.5 1 0 "Turkey-byproducts", ""

 356 "55008LA", "P", 0.000001 47 1 0.5 1 0 "Turkey-giblets (liver)", ""

 357 "55008MA", "P", 0.000013 61 1 0.5 1 0 "Turkey-fat w/o bones", ""

 358 "55008MB", "P", 0.000001 47 1 0.5 1 0 "Turkey-lean/fat free w/o bones", ""

 360 "55013BA", "P", 0.000001 47 1 0.5 1 0 "Poultry-other-lean (fat free) w/o bone", ""

 361 "55013LA", "P", 0.000001 47 1 0.5 1 0 "Poultry-other-giblets(liver)", ""

 362 "55013MA", "P", 0.000013 61 1 0.5 1 0 "Poultry-other-fat w/o bones", ""

 363 "55014AA", "P", 0.000002 63 1 1 1 0 "Eggs-whole", ""

 364 "55014AB", "P", 0.000002 63 1 1 1 0 "Eggs-white only", ""

 365 "55014AC", "P", 0.000002 63 1 1 1 0 "Eggs-yolk only", ""

 366 "55015BA", "P", 0.000001 47 1 0.5 1 0 "Chicken-byproducts", ""

 367 "55015LA", "P", 0.000001 47 1 0.5 1 0 "Chicken-giblets(liver)", ""

 368 "55015MA", "P", 0.000013 61 1 0.5 1 0 "Chicken-fat w/o bones", ""

 369 "55015MB", "P", 0.000001 47 1 0.5 1 0 "Chicken-lean/fat free w/o bones", ""

 377 "04001JC", "11", 0.001 18 1 3 1 4 "Apples-juice-concentrate", ""

 12 Cooked: NFS, 0.001 18 1 3 1 ""

 13 Baked, 0.001 18 1 3 1 ""

 31 Canned: NFS, 0.001 18 1 3 1 ""

 41 Frozen: NFS, 0.001 18 1 3 1 ""

 378 "06002NA", "0", 1 28 1 1 1 0 "Bananas-juice", ""

 379 "25002MD", "1A", 0.00063 0 0 1 1 1 "Sugar-beet-molasses", ""

 98 Refined, 0.00063 0 0 1 1 ""

 383 "13007SA", "5B", 0.001 38 1 1 1 1 "Cabbage-savoy", ""

 12 Cooked: NFS, 0.001 38 1 1 1 ""

 385 "55015EL", "P", 0.000001 47 1 0.5 1 0 "Chicken-giblets (excl. liver)", ""

 388 "24002MD", "15", 0.00088 0 0 0.05 1 2 "Corn grain/sugar-molasses", ""

 12 Cooked: NFS, 0.00088 0 0 0.05 1 ""

 41 Frozen: NFS, 0.00088 0 0 0.05 1 ""

 389 "01010JC", "0", 0.0209 1 1 1 1 1 "Cranberries-juice-concentrate", "3.3 X .3"

 31 Canned: NFS, 0.0209 1 1 1 1 "3.3 X .3"

 392 "01014JC", "0", 0.00272 2 1 0.9 1 5 "Grapes-juice-concentrate", "(3.6/1.2)*0.3 CF"

 12 Cooked: NFS, 0.00272 2 1 0.9 1 "(3.6/1.2)*0.3 CF"

 13 Baked, 0.00272 2 1 0.9 1 "(3.6/1.2)*0.3 CF"

 14 Boiled, 0.00272 2 1 0.9 1 "(3.6/1.2)*0.3 CF"

 31 Canned: NFS, 0.00272 2 1 0.9 1 "(3.6/1.2)*0.3 CF"

 41 Frozen: NFS, 0.00272 2 1 0.9 1 "(3.6/1.2)*0.3 CF"

 402 "05004JA", "12", 0.001228 69 1 1 1 2 "Peaches-juice", ""

 11 Uncooked, 0.001228 69 1 1 1 ""

 31 Canned: NFS, 0.001228 69 1 1 1 ""

 403 "15006BT", "0", 0.001 65 1 1 1 2 "Peanuts-butter", ""

 13 Baked, 0.001 65 1 1 1 ""

 14 Boiled, 0.001 65 1 1 1 ""

 404 "04003NA", "11", 0.000965 20 1 1 1 7 "Pears-juice", ""

 11 Uncooked, 0.000965 20 1 1 1 ""

 12 Cooked: NFS, 0.000965 20 1 1 1 ""

 13 Baked, 0.000965 20 1 1 1 ""

 31 Canned: NFS, 0.000965 20 1 1 1 ""

 33 Canned: Baked, 0.000965 20 1 1 1 ""

 41 Frozen: NFS, 0.000965 20 1 1 1 ""

 42 Frozen: Cooked, 0.000965 20 1 1 1 ""

 405 "15008AA", "6B", 0.001 51 1 1 1 4 "Peas-succulent/blackeye/cowpea", ""

 12 Cooked: NFS, 0.001 51 1 1 1 ""

14 Boiled, 0.001 51 1 1 1 ""
 32 Canned: Cooked, 0.001 51 1 1 1 ""
 42 Frozen: Cooked, 0.001 51 1 1 1 ""
 407 "14023AA", "1AB", 0.001 46 1 1 1 "Radishes-japanese (dai ken)", ""
 12 Cooked: NFS, 0.001 46 1 1 1 ""
 413 "15009AB", "6A", 0.001 48 1 1 1 5 "Snowpeas", ""
 11 Uncooked, 0.001 48 1 1 1 ""
 12 Cooked: NFS, 0.001 48 1 1 1 ""
 14 Boiled, 0.001 48 1 1 1 ""
 15 Fried, 0.001 48 1 1 1 ""
 42 Frozen: Cooked, 0.001 48 1 1 1 ""
 416 "01016JA", "0", 0.00022 4 1 0.3 1 5 "Strawberries-juice", ""
 11 Uncooked, 0.00022 4 1 0.3 1 ""
 12 Cooked: NFS, 0.00022 4 1 0.3 1 ""
 13 Baked, 0.00022 4 1 0.3 1 ""
 14 Boiled, 0.00022 4 1 0.3 1 ""
 31 Canned: NFS, 0.00022 4 1 0.3 1 ""
 417 "15018HA", "0", 0.00046 68 1 1 1 2 "Sunflower-seeds", "AR x 1% CT"
 11 Uncooked, 0.00046 68 1 1 1 "AR x 1% CT"
 13 Baked, 0.00046 68 1 1 1 "AR x 1% CT"
 418 "14018LV", "2", 0.001 35 1 1 1 0 "Sweet potatos-leaves", ""
 420 "02008JC", "10", 0.001 71 1 3.2 1 0 "Tangerines-juice-concentrate", "7.35/2.3"
 423 "11005DA", "8", 0.00407 34 1 14.3 1 2 "Tomatoes-dried", ""
 12 Cooked: NFS, 0.00407 34 1 14.3 1 ""
 15 Fried, 0.00407 34 1 14.3 1 ""
 431 "03009OL", "14", 0.0195 0 0 1 1 0 "Walnut oil", "AR calcd from average of FT & %CT"
 437 "24007OL", "15", 0.001 53 1 1 1 0 "Wheat-germ oil", "wheat rough file"
 441 "02002JC", "10", 0.001 72 1 3.93 1 1 "Grapefruit-juice-concentrate", "8.26/2.1"
 41 Frozen: NFS, 0.001 72 1 3.93 1 "8.26/2.1"
 442 "02004JC", "10", 0.001 70 1 5.7 1 6 "Lemons-juice-concentrate", "11.4/2"
 12 Cooked: NFS, 0.001 70 1 5.7 1 "11.4/2"
 13 Baked, 0.001 70 1 5.7 1 "11.4/2"
 14 Boiled, 0.001 70 1 5.7 1 "11.4/2"
 31 Canned: NFS, 0.001 70 1 5.7 1 "11.4/2"
 34 Canned: Boiled, 0.001 70 1 5.7 1 "11.4/2"
 41 Frozen: NFS, 0.001 70 1 5.7 1 "11.4/2"
 443 "02005JC", "10", 0.001 71 1 3 1 2 "Limes-juice-concentrate", "6/2"
 12 Cooked: NFS, 0.001 71 1 3 1 "6/2"
 41 Frozen: NFS, 0.001 71 1 3 1 "6/2"
 448 "02002HA", "10", 0.001 6 1 8 1 0 "Grapefruit peel", ""
 449 "No Code", "P", 0.000001 47 1 0.5 1 0 "Turkey-other organ meats", ""
 451 "No Code", "5A", 0.001 36 1 1 1 1 "Broccoli-chinese", ""
 14 Boiled, 0.001 36 1 1 1 ""
 452 "No Code", "5B", 0.001 59 1 1 1 5 "Bok choy", ""
 11 Uncooked, 0.001 59 1 1 1 ""
 12 Cooked: NFS, 0.001 59 1 1 1 ""
 14 Boiled, 0.001 59 1 1 1 ""
 42 Frozen: Cooked, 0.001 59 1 1 1 ""
 51 Cured: NFS (smoked/p, 0.001 59 1 1 1 "")
 480 "06016GA", "0", 1 28 1 1 1 0 "Plantains-green", ""
 481 "06016DA", "0", 1 28 1 3.9 1 0 "Plantains-dried", ""
 482 "No Code", "0", 0.00032 0 0 1 1 11 "Soybeans-protein isolate", ""
 12 Cooked: NFS, 0.00032 0 0 1 1 ""
 13 Baked, 0.00032 0 0 1 1 ""
 14 Boiled, 0.00032 0 0 1 1 ""
 15 Fried, 0.00032 0 0 1 1 ""
 31 Canned: NFS, 0.00032 0 0 1 1 ""
 32 Canned: Cooked, 0.00032 0 0 1 1 ""
 33 Canned: Baked, 0.00032 0 0 1 1 ""
 34 Canned: Boiled, 0.00032 0 0 1 1 ""
 41 Frozen: NFS, 0.00032 0 0 1 1 ""
 42 Frozen: Cooked, 0.00032 0 0 1 1 ""
 51 Cured: NFS (smoked/p, 0.00032 0 0 1 1 "")

484 "No Code", "0", 0.001 46 1 1 1 0 "Radishes-oriental", ""
940 "No Code", "0", 0.001 58 1 1 1 5 "Peanuts-hulled", ""
12 Cooked: NFS, 0.001 58 1 1 1 ""
13 Baked, 0.001 58 1 1 1 ""
14 Boiled, 0.001 58 1 1 1 ""
15 Fried, 0.001 58 1 1 1 ""
41 Frozen: NFS, 0.001 58 1 1 1 ""

Attachmnet 5. RDF Files. Note that RDF Files are included for sweet corn and milk, although set to zero in the DEEM Analyses

APPLE- PDP- 200	0. 089273	0. 042598	0. 026168	0. 017483
0- NB	0. 088083	0. 04184	0. 025651	0. 017385
TOTALZ=2110	0. 085783	0. 04168	0. 025566	0. 01731
TOTALLOD=1379	0. 084363	0. 041574	0. 025477	0. 017242
LODRES=. 00257	0. 084006	0. 041319	0. 025345	0. 017101
1. 686713	0. 082943	0. 040615	0. 024895	0. 016949
1. 440836	0. 082834	0. 040475	0. 024843	0. 016882
0. 852918	0. 079331	0. 039717	0. 024771	0. 016839
0. 818358	0. 078438	0. 03956	0. 024631	0. 016828
0. 614394	0. 077764	0. 039031	0. 024436	0. 016478
0. 566035	0. 076582	0. 038935	0. 024143	0. 016456
0. 492055	0. 07558	0. 038606	0. 024104	0. 016425
0. 436408	0. 074346	0. 038394	0. 023903	0. 016401
0. 353963	0. 072266	0. 037346	0. 023748	0. 016181
0. 351657	0. 072206	0. 037328	0. 023488	0. 016147
0. 338061	0. 071271	0. 037207	0. 023241	0. 01603
0. 334636	0. 069951	0. 037059	0. 023183	0. 015888
0. 294862	0. 069421	0. 036667	0. 023105	0. 015855
0. 281424	0. 068016	0. 036305	0. 022994	0. 015701
0. 274082	0. 066826	0. 03598	0. 022724	0. 015673
0. 273585	0. 066821	0. 035792	0. 022643	0. 015567
0. 23153	0. 065677	0. 035375	0. 02251	0. 015505
0. 228434	0. 065487	0. 035182	0. 022298	0. 015424
0. 22769	0. 06419	0. 034758	0. 022185	0. 015223
0. 218866	0. 063559	0. 034757	0. 022117	0. 015198
0. 204511	0. 061796	0. 034173	0. 021902	0. 015149
0. 2041	0. 061278	0. 033873	0. 021845	0. 015135
0. 190799	0. 061234	0. 033664	0. 021618	0. 014959
0. 18729	0. 060522	0. 033397	0. 021555	0. 014859
0. 176598	0. 059752	0. 032747	0. 021322	0. 014773
0. 172334	0. 059692	0. 032692	0. 021099	0. 014709
0. 161551	0. 057524	0. 032205	0. 020871	0. 014634
0. 161443	0. 057408	0. 032095	0. 02083	0. 014627
0. 156516	0. 056434	0. 032053	0. 020687	0. 014393
0. 155987	0. 056324	0. 031592	0. 02064	0. 014357
0. 149684	0. 054625	0. 03152	0. 020427	0. 014304
0. 145238	0. 054452	0. 031193	0. 020357	0. 014162
0. 143491	0. 054138	0. 030876	0. 020276	0. 014033
0. 140208	0. 053745	0. 030714	0. 020149	0. 014015
0. 137244	0. 052689	0. 030428	0. 019953	0. 013974
0. 131393	0. 052593	0. 030368	0. 019936	0. 013957
0. 130981	0. 051886	0. 030017	0. 019722	0. 013816
0. 129194	0. 050982	0. 029864	0. 019559	0. 013812
0. 123665	0. 050633	0. 029411	0. 019497	0. 013643
0. 121544	0. 050386	0. 02921	0. 019391	0. 013568
0. 11734	0. 04978	0. 028967	0. 019232	0. 013446
0. 117304	0. 049125	0. 028874	0. 019137	0. 013445
0. 112512	0. 048773	0. 028608	0. 01899	0. 013267
0. 111634	0. 04802	0. 028524	0. 018984	0. 013241
0. 10608	0. 047266	0. 0283	0. 018792	0. 01323
0. 106057	0. 047171	0. 028222	0. 018642	0. 013113
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0. 10035	0. 045375	0. 027178	0. 018319	0. 012861
0. 099528	0. 04517	0. 027068	0. 018165	0. 012849
0. 097269	0. 044915	0. 026901	0. 018039	0. 01271
0. 097092	0. 044234	0. 026807	0. 018031	0. 0127
0. 092759	0. 043632	0. 026589	0. 017777	0. 012614
0. 092076	0. 043311	0. 026536	0. 01768	0. 012549
0. 090171	0. 043203	0. 026255	0. 017494	0. 012505

0. 012407	0. 00891	0. 006591	0. 004899	0. 003652
0. 012343	0. 008909	0. 00657	0. 004877	0. 003624
0. 01229	0. 008866	0. 006529	0. 004842	0. 003613
0. 012176	0. 008834	0. 006481	0. 004827	0. 003597
0. 01217	0. 008791	0. 006462	0. 004823	0. 003583
0. 012076	0. 008748	0. 00646	0. 004799	0. 003557
0. 012045	0. 00872	0. 006447	0. 004756	0. 003541
0. 011944	0. 008668	0. 006363	0. 004753	0. 003527
0. 011883	0. 00862	0. 006352	0. 004713	0. 003525
0. 011871	0. 008595	0. 006339	0. 004706	0. 003495
0. 011816	0. 008534	0. 006321	0. 004681	0. 003478
0. 011714	0. 00851	0. 006275	0. 004648	0. 003465
0. 011686	0. 008468	0. 00625	0. 004632	0. 003446
0. 011624	0. 008454	0. 006184	0. 004625	0. 003432
0. 01158	0. 00838	0. 006163	0. 004583	0. 003423
0. 0115	0. 008346	0. 006147	0. 004575	0. 003409
0. 011475	0. 008285	0. 006124	0. 004547	0. 003399
0. 011367	0. 008243	0. 006072	0. 004532	0. 003349
0. 011346	0. 008177	0. 006065	0. 004507	0. 003347
0. 011245	0. 008175	0. 006041	0. 004504	0. 003328
0. 011238	0. 008112	0. 00603	0. 004448	0. 003321
0. 011094	0. 008075	0. 00598	0. 004443	0. 003313
0. 011049	0. 008052	0. 00595	0. 004431	0. 003301
0. 011006	0. 008035	0. 005884	0. 004426	0. 003279
0. 010946	0. 007952	0. 005883	0. 004386	0. 003276
0. 010858	0. 007923	0. 005855	0. 004355	0. 003233
0. 01084	0. 007898	0. 005824	0. 004347	0. 003222
0. 010778	0. 007888	0. 0058	0. 004316	0. 003215
0. 010708	0. 007771	0. 005776	0. 0043	0. 003195
0. 010693	0. 00777	0. 00574	0. 00429	0. 003179
0. 010677	0. 007749	0. 005721	0. 004272	0. 003171
0. 01057	0. 007701	0. 005689	0. 004272	0. 003136
0. 010511	0. 00765	0. 005677	0. 004226	0. 00313
0. 010448	0. 007621	0. 005628	0. 004209	0. 00312
0. 010441	0. 007602	0. 00562	0. 004187	0. 003105
0. 010296	0. 007563	0. 005605	0. 004169	0. 003076
0. 010276	0. 007526	0. 005569	0. 004138	0. 003074
0. 010252	0. 007487	0. 005538	0. 004128	0. 003063
0. 010184	0. 007436	0. 005518	0. 004115	0. 003062
0. 010101	0. 007436	0. 005487	0. 00408	0. 003041
0. 010089	0. 007374	0. 00546	0. 004074	0. 003029
0. 009988	0. 007359	0. 005427	0. 00404	0. 003002
0. 009972	0. 007306	0. 005412	0. 004013	0. 002993
0. 009883	0. 007258	0. 005398	0. 004012	0. 002975
0. 009855	0. 007203	0. 005369	0. 003996	0. 002969
0. 00981	0. 00718	0. 005317	0. 003978	0. 00295
0. 009809	0. 007173	0. 005303	0. 003954	0. 002938
0. 009709	0. 00712	0. 00529	0. 003952	0. 002902
0. 009696	0. 007079	0. 005275	0. 003921	0. 002901
0. 009617	0. 007051	0. 005232	0. 003894	0. 002897
0. 009597	0. 007034	0. 005231	0. 003882	0. 002874
0. 009504	0. 007019	0. 005187	0. 003855	0. 00286
0. 009483	0. 006957	0. 005181	0. 003833	0. 002848
0. 00945	0. 006952	0. 005133	0. 003826	0. 002841
0. 009369	0. 006869	0. 005125	0. 003811	0. 002824
0. 00931	0. 006852	0. 005076	0. 003789	0. 002804
0. 009302	0. 006837	0. 005069	0. 003767	0. 002795
0. 009251	0. 00682	0. 005049	0. 003752	0. 002787
0. 009247	0. 006724	0. 00502	0. 003724	0. 002783
0. 009132	0. 006718	0. 004987	0. 003714	0. 002754
0. 009116	0. 006677	0. 00498	0. 003693	0. 002748
0. 009045	0. 006652	0. 00496	0. 003691	0. 002727
0. 009013	0. 006592	0. 00495	0. 003664	0. 002709

0. 002695	0. 001974	0. 001391	0. 000954	0. 000596
0. 002686	0. 001956	0. 00139	0. 00094	0. 000596
0. 002678	0. 001947	0. 001388	0. 000937	0. 000582
0. 002671	0. 001941	0. 001381	0. 00093	0. 000579
0. 002645	0. 001935	0. 001363	0. 000926	0. 000574
0. 002644	0. 001925	0. 001361	0. 000923	0. 000572
0. 002627	0. 001922	0. 001356	0. 000918	0. 000563
0. 002606	0. 001899	0. 001348	0. 000904	0. 00056
0. 0026	0. 001897	0. 001341	0. 000903	0. 000553
0. 002596	0. 00187	0. 00134	0. 000891	0. 000551
0. 002574	0. 001869	0. 001318	0. 000887	0. 000546
0. 002561	0. 001862	0. 001318	0. 00088	0. 00054
0. 002552	0. 001854	0. 001301	0. 00088	0. 000534
0. 002546	0. 001845	0. 001298	0. 000871	0. 000533
0. 002518	0. 00184	0. 001286	0. 000864	0. 000527
0. 002514	0. 001823	0. 001282	0. 00086	0. 000526
0. 002499	0. 001821	0. 001278	0. 000853	0. 000516
0. 002495	0. 001796	0. 001269	0. 00085	0. 00051
0. 002476	0. 00179	0. 001262	0. 000846	0. 000502
0. 002463	0. 001782	0. 001253	0. 000836	0. 000502
0. 00245	0. 001779	0. 00125	0. 000832	0. 000495
0. 002432	0. 001758	0. 001245	0. 000822	0. 000493
0. 002419	0. 001754	0. 001234	0. 000821	0. 000486
0. 002415	0. 001749	0. 001234	0. 000812	0. 000486
0. 002397	0. 001741	0. 001214	0. 000809	0. 000478
0. 002393	0. 00173	0. 00121	0. 000801	0. 000475
0. 002383	0. 001726	0. 001206	0. 000797	0. 000472
0. 002361	0. 001702	0. 001205	0. 000784	0. 000466
0. 00236	0. 001699	0. 001186	0. 000783	0. 000459
0. 002355	0. 00169	0. 001181	0. 000778	0. 000455
0. 002331	0. 001685	0. 001173	0. 000773	0. 000452
0. 002325	0. 001669	0. 00117	0. 000766	0. 000449
0. 002305	0. 001666	0. 001159	0. 000766	0. 000443
0. 002303	0. 001657	0. 001155	0. 000753	0. 000442
0. 002281	0. 001651	0. 001147	0. 000748	0. 000435
0. 002276	0. 001633	0. 001141	0. 000741	0. 000435
0. 002247	0. 001624	0. 001126	0. 000739	0. 00042
0. 002246	0. 001609	0. 001125	0. 000734	0. 000417
0. 002241	0. 001607	0. 00112	0. 000725	0. 000416
0. 002232	0. 001601	0. 00111	0. 000718	0. 000413
0. 002206	0. 00159	0. 001102	0. 000716	0. 000408
0. 002203	0. 001582	0. 001094	0. 000712	0. 000407
0. 002195	0. 00158	0. 001083	0. 000711	0. 000398
0. 002179	0. 001569	0. 001082	0. 000699	0. 000394
0. 002178	0. 001558	0. 001074	0. 000693	0. 000386
0. 002164	0. 00154	0. 001071	0. 000686	0. 000383
0. 002147	0. 00154	0. 001065	0. 000681	0. 00038
0. 002137	0. 001533	0. 001059	0. 00068	0. 000375
0. 002129	0. 001532	0. 001052	0. 000671	0. 000371
0. 002121	0. 00151	0. 001042	0. 000667	0. 000369
0. 002104	0. 001507	0. 001031	0. 000663	0. 000363
0. 002096	0. 001499	0. 001027	0. 000656	0. 000357
0. 00209	0. 001494	0. 001023	0. 000652	0. 000355
0. 002079	0. 001479	0. 001022	0. 000647	0. 000355
0. 002068	0. 001479	0. 001007	0. 000642	0. 000343
0. 002053	0. 001468	0. 001003	0. 000636	0. 00034
0. 002036	0. 00146	0. 000995	0. 000633	0. 000338
0. 002035	0. 001451	0. 000991	0. 000627	0. 000336
0. 002026	0. 001443	0. 000986	0. 000619	0. 000331
0. 00202	0. 001436	0. 000986	0. 000615	0. 000325
0. 001997	0. 001423	0. 000973	0. 000614	0. 000321
0. 001992	0. 001417	0. 000965	0. 000604	0. 00032
0. 00198	0. 001406	0. 000957	0. 0006	0. 000309

0. 000307	0. 000065	0. 02	0. 0005	0. 011
0. 000306	0. 000064	0. 025	0. 0005	0. 024
0. 000303	0. 000059	0. 027	0. 0005	0. 005
0. 000295	0. 000055	0. 028	0. 0005	0. 005
0. 000293	0. 000046	0. 031	0. 087	0. 044
0. 000287	0. 000044	0. 031	0. 087	0. 026
0. 000283	0. 00004	0. 033	0. 087	0. 058
0. 000281	0. 000034	0. 033	0. 087	0. 005
0. 000275	0. 000029	0. 039	0. 087	0. 019
0. 000273	0. 000026	0. 04		0. 04
0. 000267	0. 000019	0. 042	CHLORPYRIFOS-	0. 012
0. 000264	0. 000005	0. 042	ALMONDS	0. 016
0. 000264	Single Apples	0. 043	TOTALZ=54	0. 015
0. 000258	- full set	0. 045		0. 05
0. 000256	TOTALZ=177	0. 046		0. 013
0. 000249	TOTALLOD=125	0. 048		0. 01
0. 000245	LODRES=0. 0015	0. 052		0. 005
0. 000241	0. 005	0. 056		0. 032
0. 00024	0. 005	0. 08		0. 005
0. 000234	0. 005	0. 081		0. 12
0. 000232	0. 005	0. 1		0. 005
0. 000225	0. 005	0. 11		0. 026
0. 000224	0. 005	0. 13		0. 022
0. 000219	0. 005	0. 13		0. 012
0. 000214	0. 005	0. 24		0. 005
0. 000209	0. 005	0. 24		0. 005
0. 000205	0. 005	0. 25		0. 085
0. 000202	0. 005	0. 35		0. 005
0. 000197	0. 005	0. 54		0. 005
0. 000196	0. 005			0. 087
0. 000194	0. 005	APPLESAUCE- CH	0. 11	0. 041
0. 000187	0. 005	LORPYRIFOS	0. 08	0. 005
0. 000186	0. 005	TOTALZ=94	0. 08	0. 005
0. 000179	0. 005	TOTALLOD=102	0. 07	0. 043
0. 000176	0. 005	LODRES=. 001	0. 07	0. 07
0. 000173	0. 005	. 004	0. 013	0. 019
0. 000169	0. 005	. 004	0. 013	0. 019
0. 000165	0. 005	. 004		0. 042
0. 000165	0. 005	. 004	APPLES - NB- C	0. 044
0. 000159	0. 005		- PDP	0. 019
0. 000158	0. 005	ASPARAGUS2000	TOTALZ=897	0. 061
0. 000148	0. 005	TOTALZ=1339	TOTALLOD=586	0. 033
0. 000148	0. 005	TOTALLOD=155	LODRES=. 0025	0. 036
0. 000142	0. 005	LODRES=. 00015	' CO- MINGLED;	0. 028
0. 000142	0. 005	2. 44	53%CT	0. 034
0. 000136	0. 005	0. 39	0. 052	0. 005
0. 000135	0. 005	0. 355	0. 034	0. 016
0. 000125	0. 01	0. 31	0. 029	0. 005
0. 000124	0. 01	0. 25	0. 005	0. 005
0. 00012	0. 01	0. 158	0. 005	0. 012
0. 000115	0. 011	0. 087	0. 046	0. 01
0. 000113	0. 011	0. 06	0. 04	0. 014
0. 00011	0. 013	0. 054	0. 017	0. 005
0. 000104	0. 014	0. 05	0. 026	0. 021
0. 000104	0. 015	0. 04	0. 005	0. 015
0. 000096	0. 015	0. 04	0. 031	0. 01
0. 000093	0. 016	0. 026	0. 005	0. 005
0. 000091	0. 017	0. 025	0. 013	0. 005
0. 000087	0. 018	0. 01	0. 005	0. 005
0. 000082	0. 018	0. 01	0. 012	0. 005
0. 000077	0. 019	0. 0005	0. 005	0. 005
0. 000073	0. 019	0. 0005	0. 003	0. 038
0. 000069	0. 02	0. 0005	0. 005	0. 013

0. 005	0. 012	0. 015	0. 01	0. 007
0. 021	0. 014	0. 015	0. 01	0. 031
0. 005	0. 005	0. 015	0. 01	0. 007
0. 027	0. 005	0. 015	0. 032	0. 007
0. 005	0. 005	0. 013	0. 01	0. 014
0. 005	0. 014	0. 011	0. 01	0. 086
0. 005	0. 021	0. 005	0. 01	0. 007
0. 029	0. 042	0. 016	0. 089	0. 014
0. 005	0. 074	0. 005	0. 031	0. 007
0. 005	0. 012	0. 005	0. 01	0. 007
0. 028	0. 005	0. 035	0. 01	0. 007
0. 005	0. 081	0. 005	0. 01	0. 007
0. 005	0. 014	0. 005	0. 045	0. 018
0. 01	0. 016	0. 005	0. 01	0. 024
0. 03	0. 005	0. 043	0. 034	0. 007
0. 015	0. 14	0. 005	0. 01	0. 017
0. 005	0. 01	0. 026	0. 018	0. 008
0. 005	0. 005	0. 005	0. 013	0. 014
0. 005	0. 005	0. 005	0. 005	0. 013
0. 016	0. 037	0. 005	0. 013	0. 017
0. 005	0. 005	0. 014	0. 005	0. 13
0. 005	0. 01	0. 057	0. 095	0. 003
0. 005	0. 01	0. 037	0. 005	0. 1
0. 005	0. 042	0. 005	0. 005	0. 003
0. 005	0. 01	0. 005	0. 033	0. 031
0. 082	0. 01	0. 005	0. 015	0. 005
0. 005	0. 037	0. 005	0. 005	0. 005
0. 005	0. 01	0. 005	0. 005	0. 018
0. 055	0. 04	0. 04	0. 011	0. 014
0. 032	0. 024	0. 1	0. 063	0. 005
0. 02	0. 01	0. 005	0. 23	0. 005
0. 029	0. 01	0. 005	0. 11	0. 049
0. 005	0. 01	0. 087	0. 007	0. 01
0. 17	0. 01	0. 021	0. 028	0. 005
0. 01	0. 027	0. 044	0. 006	0. 005
0. 27	0. 01	0. 42	0. 09	0. 023
0. 09	0. 027	0. 018	0. 08	0. 005
0. 01	0. 01	0. 05	0. 07	0. 005
0. 01	0. 031	0. 019	0. 049	0. 005
0. 01	0. 01	0. 005	0. 015	0. 01
0. 15	0. 01	0. 005	0. 027	0. 025
0. 11	0. 01	0. 005	0. 01	0. 028
0. 028	0. 01	0. 005	0. 007	0. 058
0. 025	0. 01	0. 01	0. 013	0. 022
0. 033	0. 025	0. 047	0. 007	0. 005
0. 01	0. 01	0. 005	0. 007	0. 005
0. 01	0. 037	0. 005	0. 01	0. 005
0. 078	0. 01	0. 011	0. 041	0. 034
0. 036	0. 028	0. 005	0. 01	0. 005
0. 01	0. 01	0. 18	0. 01	0. 005
0. 01	0. 01	0. 12	0. 01	0. 047
0. 005	0. 012	0. 033	0. 01	0. 021
0. 054	0. 012	0. 033	0. 01	0. 013
0. 012	0. 012	0. 11	0. 14	0. 01
0. 083	0. 01	0. 034	0. 049	0. 069
0. 005	0. 01	0. 033	0. 027	0. 005
0. 005	0. 01	0. 04	0. 01	0. 017
0. 012	0. 01	0. 04	0. 032	0. 039
0. 02	0. 01	0. 015	0. 09	0. 009
0. 058	0. 01	0. 01	0. 01	0. 012
0. 017	0. 01	0. 01	0. 01	0. 035
0. 005	0. 01	0. 03	0. 028	0. 024
0. 02	0. 065	0. 074	0. 11	0. 007

0. 009	0. 00015
0. 003	
0. 032	CHLORPYRI FOS-
0. 04	BOKCHOI
0. 032	TOTALZ=95
0. 003	TOTALNZ=1
0. 11	
0. 028	0. 200
0. 01	
0. 1	BROCCOLI - CHLO
0. 01	RPYRIFOS
0. 01	TOTALZ=333
0. 01	TOALLOD=335
0. 083	LODRES=0. 0026
0. 082	9
0. 01	0. 025
0. 01	0. 019
0. 067	0. 014
0. 01	0. 01
0. 01	0. 01
0. 016	0. 005
0. 022	0. 005
0. 007	0. 005
0. 018	0. 005
0. 007	0. 005
0. 099	0. 005
0. 007	
0. 007	BRUSSELS SPROUT
0. 007	S- CHLORPYRI FO
	S
BANANA- CHLORP	TOTALZ=34
YRIFOS PDP	TOALLOD=335
1126 RESULTS	LODRES=0. 0026
TOTALZ=969	9
TOTALLOD=157	
LODRES=0. 0030	0. 025
3	0. 019
0. 00303	0. 014
	0. 01
PEPPERS- BELL-	0. 01
CHOLPYRI FOS	0. 005
FDA	0. 005
TOTALZ=349	0. 005
	0. 005
	0. 005
0. 08	0. 005
0. 00015	
0. 930	CHLORPYRI FOS-
0. 040	CABBAGE
0. 030	TOTALZ=378
0. 00015	TOTALLOD=105
0. 016	LODRES=0. 0001
0. 064	5
0. 260	0. 070
0. 00015	0. 120
0. 770	0. 005
0. 090	
0. 100	
0. 170	
0. 250	
0. 200	
0. 020	
0. 040	

0. 010	CHLORPYRI FOS-	0. 005	0. 005	BASKET,
0. 120	CHICKENFAT	0. 005	0. 005	AVERAGE IS
0. 135	TOTALZ=90	0. 005	0. 005	0. 001008
0. 163	TOTALFREQ=1	0. 005	0. 005	TOTALZ=160
0. 043		0. 005	0. 005	TOTALLOD=39
	10, 0. 000672	0. 005	0. 005	LODRES=. 001
		0. 005	0. 005	0. 0025
CHLOPYRI FOS- C	CHLORPYRI FOS-	0. 005	0. 005	
AULI FLOWER	OTHER	0. 005	0. 005	
TOTALZ=164	CITRUS- COMING	0. 005	0. 005	GRAPE- CHLORPY
TOTALLOD=91	LED	0. 005	0. 005	RI FOS
LODRES=0. 0001	TOTALZ=763	0. 005	0. 005	TOTALZ=1722
5	TOTALLOD=215	0. 005	0. 005	
. 00015	LODRES=0. 0021	0. 005	0. 005	
	0. 028	0. 005	0. 005	0. 44
	0. 023	0. 005	0. 005	0. 42
CHERRY- CHLORP	0. 02	0. 005	0. 005	0. 26
YRI FOS- SWEET	0. 019	0. 005	0. 005	0. 24
TOTALZ=312	0. 019	0. 005	0. 005	0. 16
TOTALLOD=43	0. 019	0. 005	0. 005	0. 16
LODRES=0. 0001	0. 019	0. 005	0. 005	0. 11
5	0. 016	0. 005	0. 005	0. 11
TOTALFREQ=1	0. 016	0. 005	0. 005	0. 11
45, 0. 0005	0. 016	0. 005	0. 005	0. 098
0. 257	0. 015	0. 005	0. 005	0. 097
0. 050	0. 013	0. 005	0. 005	0. 091
0. 034	0. 012	0. 005	0. 005	0. 088
0. 029	0. 012	0. 005	0. 005	0. 081
0. 028	0. 012	0. 005	0. 005	0. 072
0. 020	0. 011	0. 005	0. 005	0. 07
0. 018	0. 011	0. 005	0. 003	0. 068
0. 010	0. 011	0. 005	0. 003	0. 067
0. 010	0. 011	0. 005		0. 065
0. 010	0. 01	0. 005	CUCUMBERS- CHL	0. 064
	0. 01	0. 005	ORPYRI FOS	0. 062
	0. 01	0. 005	TOTALZ=403	0. 059
CHERRY- CHLORP	0. 007	0. 005	TOTALLOD=3	0. 058
YRI FOS- TART	0. 007	0. 005	LODRES=0. 0001	0. 054
TOTALZ=353	0. 007	0. 005	5	0. 052
TOTALLOD=2	0. 007	0. 005	0. 080	0. 052
LODRES=0. 0001	0. 007	0. 005		0. 05
5	0. 007	0. 005	CHLORPYRI FOS-	0. 049
TOTALFREQ=1	0. 007	0. 005	COLLARDS	0. 048
45, 0. 0005	0. 007	0. 005	TOTALZ=128	0. 045
0. 257	0. 007	0. 005	TOTALLOD=15	0. 045
0. 050	0. 007	0. 005	LODRES=0. 0001	0. 045
0. 034	0. 006	0. 005	5	0. 044
0. 029	0. 006	0. 005	0. 0005	0. 043
0. 028	0. 005	0. 005	0. 020	0. 043
0. 020	0. 005	0. 005	0. 180	0. 042
0. 018	0. 005	0. 005	0. 020	0. 039
0. 010	0. 005	0. 005		0. 038
0. 010	0. 005	0. 005	CHLORPYRI FOS-	0. 035
0. 010	0. 005	0. 005	EGG	0. 034
	0. 005	0. 005	TOTALZ=90	0. 033
CHLORPYRI FOS-	0. 005	0. 005	TOTALFREQ=1	0. 031
CHICKEN	0. 005	0. 005		0. 029
TOTALZ=90	0. 005	0. 005	10, 0. 000105	0. 028
TOTALFREQ=1	0. 005	0. 005		0. 028
	0. 005	0. 005		0. 027
10, 0. 000063	0. 005	0. 005	GROUND BEEF -	0. 025
	0. 005	0. 005	MARKET	0. 025

0. 025	0. 005	0. 019	0. 005	0. 005
0. 024	0. 005	0. 019	0. 005	0. 005
0. 023	0. 005	0. 016	0. 005	0. 005
0. 023	0. 005	0. 016	0. 005	0. 005
0. 02	0. 005	0. 016	0. 005	0. 005
0. 019	0. 005	0. 015	0. 005	0. 005
0. 019	0. 005	0. 013	0. 005	0. 005
0. 019	0. 005	0. 012	0. 005	0. 005
0. 019	0. 005	0. 012	0. 005	0. 005
0. 019	0. 005	0. 012	0. 005	0. 005
0. 019	0. 005	0. 011	0. 005	0. 005
0. 019	0. 005	0. 011	0. 005	0. 003
0. 019	0. 005	0. 011	0. 005	0. 003
0. 019	0. 005	0. 011	0. 005	0. 005
0. 019	0. 005	0. 01	0. 005	GREEN- BEANS- C
0. 017	0. 005	0. 01	0. 005	HLORPYRI FOS
0. 017	0. 005	0. 01	0. 005	TOTALZ=1166
0. 016	0. 005	0. 007	0. 005	TOTALLOD=11
0. 016	0. 005	0. 007	0. 005	LODRES=0. 0034
0. 016	0. 005	0. 007	0. 005	1
0. 015	0. 005	0. 007	0. 005	0. 00341
0. 015	0. 005	0. 007	0. 005	
0. 015	0. 005	0. 007	0. 005	CHLORPYRI FOS-
0. 015	0. 005	0. 007	0. 005	KALE
0. 015	0. 005	0. 007	0. 005	TOTALZ=108
0. 015	0. 005	0. 007	0. 005	
0. 015	0. 005	0. 006	0. 005	0. 120
0. 015	0. 005	0. 006	0. 005	0. 010
0. 015	0. 005	0. 005	0. 005	0. 400
0. 014	0. 005	0. 005	0. 005	0. 145
0. 014	0. 005	0. 005	0. 005	
0. 014	0. 005	0. 005	0. 005	CHLORPYRI FOS-
0. 013	0. 005	0. 005	0. 005	KOHLRABI
0. 013	0. 005	0. 005	0. 005	TOTALZ=1481
0. 01	0. 005	0. 005	0. 005	TOTALLOD=15
0. 01	0. 005	0. 005	0. 005	LODRES=0. 0001
0. 01	0. 005	0. 005	0. 005	5
0. 01	0. 005	0. 005	0. 005	0. 0005
0. 01	0. 005	0. 005	0. 005	0. 020
0. 01	0. 005	0. 005	0. 005	0. 180
0. 01	0. 005	0. 005	0. 005	0. 020
0. 01	0. 005	0. 005	0. 005	
0. 01	0. 005	0. 005	0. 005	
0. 01	0. 005	0. 005	0. 005	
0. 01	0. 005	0. 005	0. 005	
0. 01	0. 005	0. 005	0. 005	
0. 007	0. 005	0. 005	0. 005	
0. 005	0. 005	0. 005	0. 005	
0. 005		0. 005	0. 005	
0. 005	CHLORPYRI FOS-	0. 005	0. 005	
0. 005	GRAPEFRUIT- CO	0. 005	0. 005	
0. 005	MINGLED	0. 005	0. 005	
0. 005	TOTALZ=1885	0. 005	0. 005	
0. 005	TOTALLOD=215	0. 005	0. 005	
0. 005	LODRES=0. 0021	0. 005	0. 005	
0. 005	37	0. 005	0. 005	
0. 005	0. 028	0. 005	0. 005	
0. 005	0. 023	0. 005	0. 005	
0. 005	0. 02	0. 005	0. 005	
0. 005	0. 019	0. 005	0. 005	
0. 005	0. 019	0. 005	0. 005	

CHLORPYRI FOS-	0. 005	0. 005	0. 09	CHLORPYRI FOS-
LEMONS- COMING	0. 005	0. 005	0. 09	DRY BULB
LED	0. 005	0. 005	0. 11	ONIONS-FDA- 92
TOTALZ=476	0. 005	0. 005	0. 08	- 97
TOTALLOD=215	0. 005	0. 005	0. 08	TOTALZ=186
LODRES=0. 0021	0. 005	0. 005	0. 07	TOTALLOD=43
37	0. 005	0. 005	0. 07	LODRES=0. 0001
0. 028	0. 005	0. 005	0. 013	5
0. 023	0. 005	0. 005	0. 013	0. 00015
0. 02	0. 005	0. 005		
0. 019	0. 005	0. 005		
0. 019	0. 005	0. 005		
0. 019	0. 005	0. 005		
0. 016	0. 005	0. 005		
0. 016	0. 005	0. 005		
0. 016	0. 005	0. 005		
0. 015	0. 005	0. 005		
0. 013	0. 005	0. 005		
0. 012	0. 005	0. 005		
0. 012	0. 005	0. 005		
0. 012	0. 005	0. 005		
0. 011	0. 005	0. 005		
0. 011	0. 005	0. 003		
0. 011	0. 005	0. 003		
0. 011	0. 005			
0. 01	0. 005	MILK-CHLORPYR		
0. 01	0. 005	IFOS		
0. 01	0. 005	TOTALZ=80		
0. 007	0. 005	TOTALFREQ=1		
0. 007	0. 005			
0. 007	0. 005	20, 0. 018		
0. 007	0. 005			
0. 007	0. 005			
0. 007	0. 005	CHLORPYRI FOS-		
0. 007	0. 005	MUSTARD		
0. 007	0. 005	GREENS		
0. 007	0. 005	TOTALZ=1481		
0. 007	0. 005	TOTALLOD=15		
0. 007	0. 005	LODRES=0. 0001		
0. 006	0. 005	5		
0. 006	0. 005	0. 0005		
0. 005	0. 005	0. 020		
0. 005	0. 005	0. 180		
0. 005	0. 005	0. 020		
0. 005	0. 005			
0. 005	0. 005			
0. 005	0. 005	CHLORPYRI FOS-		
0. 005	0. 005	OTHERTREENUTS		
0. 005	0. 005	TOTALZ=222		
0. 005	0. 005			
0. 005	0. 005			
0. 005	0. 005	0. 013		
0. 005	0. 005	0. 013		
0. 005	0. 005	0. 03		
0. 005	0. 005	0. 026		
0. 005	0. 005	0. 04		
0. 005	0. 005	0. 04		
0. 005	0. 005	0. 04		
0. 005	0. 005	0. 013		
0. 005	0. 005	0. 04		
0. 005	0. 005	0. 04		
0. 005	0. 005	0. 09		
0. 005	0. 005	0. 013		
0. 005	0. 005	0. 08		

0. 005	0. 007	single	CHLORPYRIFOS-	0. 02
0. 005	0. 007	serving data	PECANS	0. 005
0. 005	0. 007	on pears	TOTALZ=39	0. 005
0. 005	0. 015			0. 005
0. 005	0. 005	0. 006		0. 005
0. 01	0. 005	0. 007	0. 013	0. 005
0. 02	0. 005	0. 028	0. 013	0. 005
0. 005	0. 005		0. 03	0. 005
0. 005	0. 012		0. 026	0. 005
0. 011	0. 013		0. 04	0. 005
0. 005	0. 012		0. 04	0. 005
0. 022	0. 011		0. 04	0. 005
0. 01	0. 005		0. 013	0. 005
0. 01	0. 005		0. 04	0. 005
0. 01	0. 005		0. 04	0. 01
0. 005	0. 018		0. 09	0. 02
0. 034	0. 01		0. 013	0. 005
0. 011	0. 005		0. 08	0. 005
0. 005	0. 005		0. 09	0. 011
0. 005	0. 015		0. 09	0. 005
0. 005	0. 015		0. 11	0. 022
0. 005	0. 015		0. 08	0. 01
0. 012	0. 018		0. 08	0. 01
0. 005	0. 005		0. 07	0. 01
0. 005	0. 005		0. 07	0. 005
0. 005	0. 005		0. 013	0. 034
0. 019	0. 01		0. 013	0. 011
0. 005	0. 01			0. 005
0. 005	0. 035			0. 005
0. 005	0. 005	PLUM - NB- C -		0. 005
0. 005	0. 005	(PEACH) - PDP		0. 005
0. 005	0. 007	TOTALZ=2898		0. 012
0. 005	0. 007	TOTALLOD=55		0. 005
0. 005	0. 007	LODRES=0. 0025		0. 005
0. 005		' for		0. 005
0. 005	PEARS NB- C -	co- mi ngl ed		0. 019
0. 005	CANNED	use PDP peach		0. 005
0. 005	ONLY- PDP	data straight		0. 005
0. 005	TOTALZ=545	- no de- comp		0. 005
0. 005	TOTALLOD=150	0. 028		0. 005
0. 005	LODRES=. 003	0. 005		0. 005
0. 01	doc	0. 005		0. 005
0. 005	CO- MINGLED	0. 005		0. 005
0. 012	0. 054	0. 005		0. 005
0. 005	0. 01	0. 005		0. 005
0. 005	0. 01	0. 019		0. 005
0. 018	0. 018	0. 011		0. 005
0. 011	0. 05	0. 03		0. 005
0. 011	0. 005	0. 005		0. 005
0. 015	0. 005	0. 005		0. 005
0. 03	0. 005	0. 005		0. 01
0. 019	0. 015	0. 005		0. 005
0. 018	0. 005	0. 01		0. 012
0. 005	0. 015	0. 01		0. 005
0. 005	0. 023	0. 01		0. 005
0. 005	0. 018	0. 012		0. 018
0. 005		0. 016		0. 011
0. 017	PEAR - SS -	0. 022		0. 011
0. 005	PDP	0. 005		0. 015
0. 017	TOTALZ=123	0. 005		0. 03
0. 007	TOTALLOD=34	0. 005		0. 019
0. 007	LODRES=. 0022	0. 005		0. 018
0. 007	' used PDP	0. 02		0. 005

0. 005	0. 080	0. 09	CHLORPYRI FOS-	0. 01
0. 005		0. 09	WHEAT- PDP	0. 01
0. 005	CHLORPYRI FOS-	0. 11	TOTALLOD=1367	0. 01
0. 017	ROOT	0. 08	LODRES=0. 0024	0. 01
0. 005	GREENS- 19% CT	0. 08	1	0. 01
0. 017	TOTALZ=81	0. 07		0. 01
0. 007	TOTALLOD=15	0. 07	0. 042	0. 01
0. 007	LODRES=0. 0001	0. 013	0. 04	0. 01
0. 007	5	0. 013	0. 025	0. 01
0. 007	0. 0005		0. 025	0. 01
0. 007	0. 020		0. 023	0. 01
0. 007	0. 180		0. 021	0. 01
0. 015	0. 020		0. 019	0. 01
0. 005			0. 015	0. 01
0. 005			0. 014	0. 01
0. 005	SWEET- CORN- CH		0. 013	0. 01
0. 005	LORPYRI FOS- FR		0. 013	0. 01
0. 012	ESH		0. 013	0. 01
0. 013	TOTALZ=556		0. 012	0. 01
0. 012	TOTALLOD=156		0. 012	0. 01
0. 011	LODRES=0. 0001		0. 012	0. 01
0. 005	5		0. 011	0. 01
0. 005	0. 00015		0. 011	0. 01
0. 005			0. 011	0. 01
0. 018			0. 011	0. 01
0. 01	SWEET- CORN- CH		0. 011	0. 01
0. 005	LORPYRI FOS- PR		0. 011	0. 01
0. 005	OCESSED		0. 011	0. 01
0. 015	TOTALZ=1188		0. 01	0. 01
0. 015	TOTALLOD=117		0. 01	0. 01
0. 015	LODRES=0. 0024		0. 01	0. 01
0. 018	3		0. 01	0. 01
0. 005	0. 00243		0. 01	0. 01
0. 005			0. 01	0. 01
0. 005			0. 01	0. 01
0. 01	SWEET		0. 01	0. 01
0. 01	PEAS- PDP		0. 01	0. 01
0. 035	TOTALZ=1443		0. 01	0. 01
0. 005	TOTALLOD=14		0. 01	0. 01
0. 005	LODRES=. 0025		0. 01	0. 01
0. 007	doc		0. 01	0. 01
0. 007	co- mingled		0. 01	0. 01
0. 007	. 005		0. 01	0. 01
			0. 01	0. 01
PORK			0. 01	0. 01
SAUSAGE- CHLOR	CHLORPYRI FOS-		0. 01	0. 01
PYRI FOS- MARKE	WALNUTS		0. 01	0. 01
TBASKET,	TOTALZ=34		0. 01	0. 01
AVERAGE IS			0. 01	0. 01
0. 001013			0. 01	0. 01
TOTALZ=160	0. 013		0. 01	0. 01
TOTALLOD=39	0. 013		0. 01	0. 01
LODRES=. 001	0. 03		0. 01	0. 005
0. 0035	0. 026		0. 01	0. 005
	0. 04		0. 01	0. 005
	0. 04		0. 01	0. 005
PUMKIN- FROM	0. 04		0. 01	0. 005
CUCUMBERS- CHL	0. 013		0. 01	0. 005
ORPYRI FOS	0. 04		0. 01	0. 005
TOTALZ=403	0. 04		0. 01	0. 005
TOTALLOD=3	0. 09		0. 01	0. 005
LODRES=0. 0001	0. 013		0. 01	0. 005
5	0. 08		0. 01	0. 005

0. 005	0. 005	0. 01	0. 013271	0. 008478
0. 005	0. 005		0. 001038	0. 074334
0. 005	0. 005	FI GS- CHLORPYR	0. 022625	0. 083874
0. 005	0. 005	I FOS	0. 000126	0. 003952
0. 005	0. 005	TOTALZ=99	0. 001777	0. 116016
0. 005	0. 005		0. 005308	0. 016045
0. 005	0. 005		0. 00206	0. 007108
0. 005	0. 005	. 01	0. 001703	0. 033783
0. 005	0. 005		0. 000276	0. 000651
0. 005	0. 005		0. 024086	0. 169918
0. 005	0. 005	CPY- GREENBEAN	0. 041189	0. 001484
0. 005	0. 005	S- PROCESSED	0. 026324	0. 005871
0. 005	0. 005	TOTALZ=1226	0. 004259	0. 780379
0. 005	0. 005	TOTALLOD=11	0. 005224	0. 105937
0. 005	0. 005	LODRES=0. 0032	0. 044722	0. 01873
0. 005	0. 005	0. 0032	0. 006386	0. 266527
0. 005	0. 005		0. 003652	2. 556982
0. 005	0. 005	CITRUSJUI CE- C	0. 084632	0. 040614
0. 005	0. 005	HLORPYRI FOS	0. 000108	0. 10389
0. 005	0. 005	TOTALZ=79	0. 003449	0. 000725
0. 005	0. 005	TOTALLOD=36	0. 000212	0. 131296
0. 005	0. 005	LODRES=. 001	0. 066089	0. 055872
0. 005	0. 005	. 0112	0. 336373	0. 000191
0. 005			0. 014716	0. 010692
0. 005		GRAPEFRUITJUI	0. 009631	0. 002133
0. 005	CRANBERRY- CPY	CE- CHLORPYRI F	0. 491528	1. 836604
0. 005	TOTALZ=56	OS	0. 120732	0. 216155
0. 005	TOTALLOD=48	TOTALZ=194	23. 78547	0. 250234
0. 005	LODRES=. 005	TOTALLOD=36	0. 023165	0. 037401
0. 005	0. 05	LODRES=. 001	7. 04E- 05	0. 897839
0. 005	0. 04	. 0112	0. 63505	0. 002222
0. 005	0. 2		0. 611888	0. 012037
0. 005	0. 05	LEMONJUI CE- CH	0. 003536	0. 016395
0. 005	0. 2	LORPYRI FOS	0. 026041	0. 002615
0. 005	0. 12	TOTALZ=49	0. 000539	0. 009384
0. 005	0. 16	TOTALLOD=36	0. 059298	0. 001879
0. 005	0. 04	LODRES=. 001	0. 220776	0. 297859
0. 005	0. 02	. 0112	0. 001386	0. 143662
0. 005	0. 11		0. 049039	0. 004806
0. 005	0. 08		0. 004901	0. 002424
0. 005	0. 04	OJ- CHLORPYRI F	0. 006178	0. 04205
0. 005	0. 34	OS	0. 019393	0. 033506
0. 005	0. 22	TOTALZ=175	0. 052346	0. 000326
0. 005	0. 14	TOTALLOD=19	0. 028844	0. 03913
0. 005	0. 07	LODRES=. 001	0. 123647	0. 001093
0. 005	0. 01	. 0112	0. 1896	0. 013848
0. 005	0. 04		0. 006046	0. 1809
0. 005	0. 08		0. 012665	0. 060928
0. 005	0. 02	CPY- KIWI - DECO	0. 014835	0. 005086
0. 005	0. 14	MP	0. 199358	0. 0005
0. 005	0. 03	TOTALZ=3972	0. 007321	0. 419004
0. 005	0. 04	TOTALLOD=2971	0. 003853	0. 000779
0. 005	0. 01	LODRES=0. 0001	0. 017472	0. 000157
0. 005	0. 21	5	0. 007671	0. 009302
0. 005	0. 01	0. 005774	0. 005361	0. 001159
0. 005	0. 03	0. 027184	0. 05431	0. 030598
0. 005	0. 01	0. 004571	0. 00038	6. 009815
0. 005	0. 06	0. 035461	0. 005034	0. 029434
0. 005	0. 01	0. 002448	0. 000799	0. 164084
0. 005	0. 01	0. 000753	0. 000835	0. 067058
0. 005	0. 02	0. 84161	0. 002162	0. 041959
0. 005	0. 03	2. 81E- 05	0. 136703	0. 043791
0. 005	0. 02	0. 83797	0. 003005	0. 00095

0. 21174	0. 020446	0. 007221	1. 589949	0. 036725
0. 076189	0. 001196	0. 003481	0. 027638	0. 004853
0. 001462	0. 001265	0. 004107	0. 006508	0. 034728
0. 015524	0. 007615	0. 02208	0. 000175	0. 013605
0. 006288	0. 01902	0. 008831	0. 001343	0. 137768
0. 050072	0. 001603	0. 097544	0. 001992	0. 004173
0. 014907	0. 004198	0. 072456	0. 04695	0. 079601
0. 005525	0. 276223	0. 031915	0. 078468	0. 004355
0. 278437	0. 002497	0. 000444	0. 384877	0. 320794
0. 063954	0. 00087	0. 053661	0. 09526	6. 4E- 05
0. 012851	0. 008303	0. 127232	0. 00157	0. 000999
0. 011711	0. 008041	0. 001855	0. 015649	1. 124003
0. 14022	0. 005558	0. 006428	0. 002959	0. 065274
0. 017999	0. 010228	0. 003763	0. 040394	0. 028106
0. 012481	0. 009774	0. 019862	3. 33E- 05	0. 010858
0. 239469	0. 7353	0. 002308	0. 002844	0. 021288
0. 000297	0. 032405	0. 00233	0. 152789	0. 007997
0. 10069	0. 018272	0. 022121	0. 228838	0. 031531
0. 006796	0. 025684	0. 037896	0. 045578	0. 148265
0. 001832	0. 000245	0. 068363	0. 00113	0. 004457
0. 54245	0. 299976	0. 034925	0. 010823	0. 061621
0. 101544	0. 00309	0. 010517	0. 032578	0. 021851
0. 000198	0. 039026	0. 184119	0. 006867	0. 070182
0. 000353	0. 019749	0. 019292	0. 157636	0. 057991
0. 001946	1. 471368	0. 00597	0. 000974	0. 004373
0. 055062	0. 003376	0. 005189	0. 009976	0. 355538
0. 004518	0. 153815	0. 206363	0. 018867	0. 021593
0. 003241	0. 115216	0. 049369	0. 004071	0. 003888
3. 903866	0. 003688	0. 003388	0. 005943	0. 009082
0. 072268	0. 012135	0. 01119	0. 025243	0. 001366
0. 008098	0. 000136	0. 011044	0. 001225	0. 309133
0. 001529	0. 011966	0. 02959	0. 030743	0. 090497
0. 056669	0. 4075	0. 133957	0. 000571	0. 00621
0. 002252	0. 001721	0. 046109	0. 001184	2. 130093
0. 015238	0. 089162	1. 334883	0. 001042	0. 00034
0. 000923	0. 007729	0. 001918	0. 080838	0. 016197
0. 000615	0. 013037	0. 009031	0. 006926	0. 034144
0. 111691	0. 64781	0. 015104	0. 047519	0. 039883
0. 017014	0. 011401	0. 175101	0. 000421	0. 003806
0. 00089	0. 255418	0. 004028	0. 008721	0. 002822
0. 000523	0. 016884	0. 002095	0. 018364	0. 448586
0. 008633	0. 004997	0. 007134	0. 058807	0. 008448
0. 017235	0. 12336	0. 036936	0. 160119	0. 083281
0. 063827	0. 002674	0. 012333	0. 17892	0. 005707
0. 00359	0. 014154	0. 048255	0. 129039	0. 007407
0. 002392	0. 198	0. 014046	0. 002773	0. 060084
0. 006705	0. 000289	0. 027332	0. 014359	0. 009554
0. 000667	0. 008236	0. 020683	0. 563994	0. 013099
0. 001321	0. 000705	0. 026756	0. 000412	0. 028484
0. 036087	0. 482118	0. 023862	0. 003321	0. 095439
0. 146539	0. 290095	0. 003107	0. 002523	0. 092825
2. 470928	0. 022984	0. 194591	0. 03838	0. 002028
0. 003185	0. 000468	9. 6E- 05	0. 020777	0. 04298
0. 011559	0. 013404	0. 009177	0. 454092	0. 025495
0. 024452	0. 070856	0. 0101	0. 000251	0. 01047
0. 023446	0. 108509	0. 052613	0. 168646	0. 022355
0. 234131	0. 046543	0. 001675	0. 043246	0. 000604
0. 002578	0. 062815	0. 08643	0. 09163	0. 005445
0. 009817	0. 073651	0. 002186	0. 081475	1. 020917
0. 000399	0. 057156	0. 021077	0. 000811	0. 008953
0. 016788	0. 007888	0. 076479	0. 002679	0. 001074
0. 088437	0. 068534	0. 359973	0. 011596	0. 696619
0. 257768	0. 000484	0. 006578	0. 402851	0. 113503

0. 000908	0. 028597	0. 000683	0. 002726	0. 018426
0. 982834	0. 002474	0. 335997	0. 000288	0. 00425
0. 374451	0. 094791	0. 020029	2. 151745	0. 828499
0. 012594	0. 005478	0. 023868	0. 313249	0. 139389
0. 014512	0. 016953	0. 012091	0. 000131	0. 003322
0. 118169	0. 003704	0. 01525	0. 000992	0. 007611
0. 026439	0. 244348	0. 017724	0. 04925	0. 200381
1. 20428	0. 038217	0. 266258	0. 000704	0. 007761
0. 020088	0. 001965	0. 006163	0. 034059	0. 00055
0. 001525	0. 046429	0. 022487	0. 125661	0. 072434
0. 223647	0. 028386	1. 526111	0. 015492	0. 005817
0. 031029	0. 021329	0. 017022	0. 002844	0. 040754
0. 335301	0. 0005	0. 009667	0. 004053	0. 000382
0. 003036	0. 003604	0. 569971	0. 000531	0. 599332
0. 017824	0. 111376	0. 069528	0. 055459	0. 011445
0. 000692	0. 004641	0. 189745	0. 003778	0. 013112
0. 000584	0. 00383	0. 027342	0. 005626	0. 005607
0. 001287	2. 12E- 05	0. 054053	0. 006318	0. 001423
0. 011289	0. 000826	0. 001401	0. 001199	0. 044827
0. 050758	0. 004117	0. 024153	0. 020538	0. 000643
0. 005615	0. 013626	0. 002311	0. 001605	0. 012589
0. 001761	0. 001702	0. 000215	0. 006405	0. 010997
0. 035928	0. 004016	0. 757058	0. 036272	0. 031199
0. 515369	0. 004853	0. 058969	0. 120693	0. 00098
0. 107024	0. 010665	1. 151228	0. 003962	0. 010158
0. 044582	0. 008679	0. 023072	0. 004693	0. 011547
3. 094105	0. 033272	0. 043264	0. 045798	0. 006591
0. 015749	0. 017225	0. 008324	0. 031579	0. 000655
0. 051498	0. 163458	0. 059032	0. 006228	0. 677573
0. 004722	0. 026794	0. 003365	0. 029879	0. 000458
0. 004714	0. 034629	0. 002948	0. 07118	0. 00607
0. 575664	0. 05281	0. 090039	0. 082412	0. 001646
0. 010289	0. 027181	0. 002243	0. 012662	0. 005142
0. 024746	0. 001829	0. 175849	0. 103946	0. 000965
0. 004617	0. 026145	1. 219522	0. 000831	0. 017952
0. 007482	0. 196218	0. 719154	0. 002807	0. 001969
0. 016608	0. 011898	0. 042838	0. 081354	0. 003031
0. 002731	0. 009324	0. 009834	0. 010351	0. 00258
0. 028934	0. 048696	0. 158531	0. 276134	0. 002366
0. 024279	0. 008555	0. 025243	0. 016326	0. 005151
0. 001625	0. 002048	0. 004344	0. 001078	0. 009471
0. 001427	0. 011716	0. 184666	0. 010788	0. 029369
0. 01756	0. 037802	0. 192703	0. 028928	2. 907285
0. 099893	0. 014383	0. 005438	0. 035301	0. 108237
0. 013781	0. 003086	0. 022061	0. 001762	0. 002706
0. 003228	0. 627758	0. 02156	8. 52E- 05	0. 000629
0. 007042	0. 030033	0. 005941	0. 069008	0. 00526
0. 032837	5. 97E- 05	0. 068214	0. 223474	0. 12627
0. 030108	0. 000454	0. 009521	0. 001441	0. 001581
0. 00292	0. 010087	0. 399473	0. 288565	0. 000264
0. 013806	0. 057456	0. 019266	0. 01001	0. 041964
0. 063714	0. 454784	0. 002077	0. 002434	0. 092128
0. 001278	0. 060748	0. 008384	0. 107349	0. 021056
0. 0891	0. 03254	0. 01084	2. 045339	0. 084087
0. 00023	0. 007646	0. 000149	0. 144859	0. 002136
0. 007371	0. 000429	0. 000752	0. 475786	0. 000924
0. 045767	0. 079262	0. 283787	0. 113252	0. 000733
0. 001881	0. 167215	0. 002328	0. 001319	0. 214337
0. 003438	0. 30525	0. 001115	0. 025457	0. 000298
0. 134033	0. 129024	0. 055233	0. 001363	0. 065975
0. 00105	0. 096597	0. 000204	0. 003498	0. 024662
0. 044449	4. 444398	0. 093442	0. 033719	0. 056538
0. 012377	0. 005034	0. 039237	0. 028263	1. 011748

1. 7618	0. 004812	0. 011598	0. 050998	0. 00327
0. 002159	0. 035892	0. 004581	3. 4E- 05	0. 003681
0. 013035	0. 950824	0. 074189	0. 00034	0. 048628
0. 065461	0. 041364	0. 011257	0. 004284	0. 001776
0. 015675	8. 1E- 05	0. 099623	0. 130736	0. 001605
0. 014428	0. 008071	0. 032355	0. 026707	0. 008409
0. 001254	0. 00415	0. 10037	0. 005745	0. 000336
0. 848811	0. 007996	0. 036838	0. 014233	0. 001361
0. 004985	0. 051889	0. 015946	0. 90564	0. 021599
0. 007478	0. 000182	0. 002538	0. 008889	0. 008139
0. 001472	0. 152832	0. 259605	0. 019514	0. 005314
0. 422689	0. 01986	0. 000318	0. 023527	0. 00289
0. 000403	0. 235122	0. 008593	0. 047408	0. 00091
0. 014053	0. 007398	0. 006507	0. 076176	0. 012764
0. 009151	0. 33539	0. 346794	0. 00787	0. 021306
0. 032925	3. 415169	0. 153366	0. 00115	0. 012013
128. 3317	0. 08817	0. 010515	0. 00713	0. 002275
0. 016248	0. 006641	0. 015186	0. 000103	0. 020922
0. 239077	0. 002492	0. 050548	1. 346068	0. 003922
0. 411628	0. 031927	0. 180903	0. 030452	0. 00274
0. 013774	0. 064633	0. 142057	0. 077889	3. 49E- 05
0. 010442	0. 145574	0. 521692	0. 018247	0. 052163
0. 086356	0. 006777	0. 019631	0. 000363	0. 009797
0. 358619	0. 034851	0. 102842	0. 005887	0. 001498
0. 021734	0. 097258	0. 147732	0. 230534	0. 003243
0. 004532	0. 116582	0. 007215	0. 04025	0. 023958
0. 000256	0. 169218	0. 00262	0. 002653	0. 006189
0. 004441	0. 011155	0. 013441	0. 000896	5. 6E- 05
0. 062013	0. 0011	7. 107445	0. 017774	0. 000352
0. 370049	0. 037118	0. 001338	0. 049888	0. 000145
0. 00475	0. 000479	0. 008857	0. 00077	0. 001718
0. 000604	0. 006482	0. 000134	0. 027882	0. 004687
0. 085433	0. 003383	0. 020444	0. 038919	0. 000292
0. 001907	0. 001544	0. 024727	0. 115456	0. 003624
0. 002918	0. 004415	0. 025545	0. 058044	0. 003767
0. 016717	0. 074948	0. 322069	0. 002985	0. 017882
0. 002194	0. 012236	0. 0015	0. 005374	0. 007346
0. 003109	0. 119482	0. 008228	0. 003901	0. 008035
0. 053359	0. 55423	0. 040044	0. 000795	0. 005492
0. 001028	0. 254337	0. 106328	0. 484525	0. 009911
0. 003636	0. 122319	0. 051291	0. 017525	0. 001751
0. 018592	0. 001862	0. 20364	0. 042508	0. 001152
0. 060118	0. 003273	0. 023224	0. 006977	0. 027306
0. 000554	0. 030854	0. 00087	0. 022224	0. 001918
0. 024295	0. 018866	0. 001228	0. 009192	0. 001267
0. 012922	0. 383452	0. 20921	0. 002278	0. 001414
0. 066729	0. 006898	0. 012179		0. 000455
0. 019152	0. 436233	1. 389824		0. 003463
0. 044098	0. 000872	0. 002009		0. 007652
0. 020807	0. 014887	0. 0004		0. 003593
0. 013328	0. 699581	0. 01464		0. 000673
0. 003168	0. 003535	0. 001178	MUSHROOMS- CHL	0. 001326
0. 022602	0. 001798	0. 173471	ORPYRI FOS	0. 004043
0. 001619	0. 006831	0. 01497	TOTALZ=99	0. 000497
0. 003222	0. 001721	0. 077529		0. 009112
0. 016459	0. 135713	0. 006034		0. 000226
0. 008138	0. 005317	0. 004946	. 01	0. 000372
0. 298475	0. 015856	0. 009799		0. 000709
0. 080253	0. 062752	0. 000176	NECTAR2000NB	0. 00047
0. 007065	0. 2213	0. 037345	TOTALZ=11505	0. 003075
0. 026115	0. 009008	0. 071948	TOTALLOD=422	0. 000506
0. 000584	0. 002762	0. 160381	LODRS= . 0025	0. 002067
0. 048012	0. 003756	0. 513828	0. 00341	0. 009423

0. 000903	0. 002294	0. 000408	0. 000861	0. 000627
0. 001696	0. 000209	0. 008296	0. 002776	0. 006894
0. 013188	0. 006257	0. 065495	0. 001072	8. 45E- 06
0. 010726	0. 002756	0. 001423	0. 10385	0. 000259
0. 000533	0. 000519	0. 002099	0. 003866	0. 002876
0. 005966	0. 060828	0. 000894	0. 002261	0. 00881
0. 123829	0. 002716	0. 014031	0. 001433	0. 003936
8. 29E- 05	0. 000609	0. 002819	0. 05672	0. 000876
0. 01559	0. 029062	0. 016524	0. 004577	0. 000378
0. 024735	0. 001304	0. 003592	0. 00247	0. 000159
0. 005549	0. 025155	0. 00013	0. 001957	0. 000229
0. 000252	0. 03772	0. 007274	0. 004066	0. 000837
0. 013488	0. 007198	0. 012429	0. 001008	0. 001988
0. 018411	0. 004378	0. 002961	0. 009533	0. 002204
0. 007005	0. 005102	0. 000988	0. 013815	0. 012675
0. 001131	0. 003961	0. 023542	0. 005775	0. 032636
0. 001263	0. 000563	0. 000702	0. 001113	0. 002692
0. 002551	0. 001142	0. 036854	0. 003156	0. 000944
0. 000415	0. 004349	0. 046843	0. 001852	0. 001819
0. 004118	0. 007868	0. 008223	0. 001801	0. 041054
0. 003307	0. 003029	0. 000324	0. 012242	0. 022558
0. 00789	0. 337842	0. 000475	0. 001024	0. 000925
0. 000566	0. 008946	0. 000387	0. 002441	0. 000394
0. 002486	0. 000967	0. 001522	0. 001041	0. 000642
0. 026418	0. 002407	0. 004509	0. 000619	0. 00194
0. 003493	0. 000959	0. 031121	0. 003171	0. 005994
0. 002244	0. 000139	0. 006063	0. 00124	0. 001511
0. 000793	0. 000198	0. 000487	0. 002667	0. 000104
0. 00072	0. 001675	0. 004622	0. 000807	0. 000523
0. 001811	0. 000303	0. 019094	0. 003823	0. 009046
0. 001571	0. 053692	0. 210025	0. 007042	0. 005884
0. 00074	0. 005479	0. 009623	0. 000126	0. 000656
0. 000606	0. 002196	0. 000763	0. 001087	0. 002559
0. 001399	0. 000112	0. 013003	0. 000824	0. 010875
0. 001714	0. 000651	0. 003008	0. 004014	0. 006116
0. 006454	8. 68E- 05	0. 005018	0. 001077	0. 004634
0. 010511	0. 0011	0. 001646	0. 004264	0. 000117
0. 001059	0. 000426	0. 001052	0. 007638	0. 027009
0. 000746	0. 00059	0. 017526	0. 001581	0. 003541
0. 010861	0. 004959	0. 005224	0. 002128	0. 00292
0. 014284	0. 000329	0. 017208	0. 002159	0. 002579
0. 01167	0. 018707	0. 000677	0. 00205	0. 001869
0. 010305	0. 003352	0. 000221	0. 00339	0. 014563
0. 003321	0. 002654	0. 002224	0. 007496	0. 003445
0. 003712	0. 011329	0. 002836	0. 006869	0. 007141
0. 002537	0. 042916	0. 011794	0. 001225	0. 000854
0. 015685	0. 000545	0. 008079	0. 03227	0. 004185
0. 00147	0. 006276	0. 002348	0. 00414	0. 010439
0. 013633	0. 002144	0. 00167	0. 001562	0. 012543
0. 006512	0. 00174	0. 001833	0. 029553	0. 000442
0. 00447	0. 089071	4. 41E- 05	0. 003535	0. 004427
0. 022162	0. 00851	0. 00777	0. 000667	0. 010129
0. 000279	0. 001034	0. 001538	0. 00015	0. 00042
0. 016789	0. 00562	0. 000289	0. 001441	0. 000168
0. 000451	0. 007564	0. 039379	9. 99E- 05	0. 001881
0. 018323	0. 000361	0. 004315	0. 001117	0. 009259
0. 025586	0. 001615	0. 009999	0. 030646	0. 000342
0. 0007	0. 00092	0. 020685	0. 000578	0. 000971
0. 00051	0. 005122	0. 004857	0. 000997	0. 0003
0. 005433	0. 006401	0. 00305	0. 002032	7. 45E- 05
0. 003782	0. 001979	0. 000176	0. 00079	0. 000782
0. 02327	0. 001283	0. 001201	0. 00665	0. 000827
0. 005911	0. 011444	0. 008563	0. 000485	0. 000462

0. 002057	0. 00019	0. 004322	0. 005102	0. 000672
0. 002399	0. 000982	0. 000429	0. 003643	0. 001198
0. 0008	0. 004706	0. 004804	0. 002094	0. 001887
0. 001161	0. 000403	0. 035758	0. 002283	0. 004598
0. 001625	0. 002111	0. 003527	0. 005009	0. 004248
0. 001217	0. 013373	0. 009887	0. 045159	0. 003146
0. 006576	0. 000766	0. 006343	0. 000244	0. 008688
0. 002616	0. 005723	0. 000989	0. 001954	0. 003601
0. 014992	0. 099064	0. 000542	0. 003188	0. 004766
0. 001171	0. 003102	0. 217453	0. 000526	0. 017735
0. 000848	0. 002328	0. 001541	0. 000644	0. 011637
0. 001926	0. 002377	0. 103281	0. 001385	0. 005866
0. 000751	0. 00518	0. 004277	0. 002068	0. 000182
0. 000542	0. 008655	0. 011774	0. 002614	0. 001258
0. 004528	0. 04504	0. 00221	6. 94E-05	0. 00014
0. 00488	0. 000239	0. 015691	0. 000923	0. 001409
0. 000932	0. 002438	0. 000743	0. 000498	0. 085647
0. 003228	0. 001478	0. 001476	0. 001672	0. 000662
0. 001454	0. 019977	0. 00538	0. 000697	0. 000536
0. 003199	0. 015141	0. 003037	0. 004855	0. 099915
0. 004797	0. 01106	0. 000201	0. 000189	9. 63E- 05
0. 027985	0. 003858	0. 000122	0. 002421	0. 0005
0. 011114	0. 000245	0. 003434	0. 017171	0. 008196
0. 050386	0. 01625	0. 004408	0. 000562	0. 000812
0. 083766	0. 001311	0. 000191	0. 000267	0. 000934
0. 015451	0. 033495	0. 002341	0. 003043	0. 047692
0. 004752	0. 017082	0. 004378	0. 003452	0. 004968
0. 003653	0. 002933	0. 001145	0. 021541	0. 006406
0. 000881	0. 001336	0. 029273	0. 002313	0. 001597
0. 000437	0. 005265	0. 006466	0. 003395	0. 001126
0. 001658	0. 003131	0. 000879	7. 57E- 05	0. 000603
0. 000314	0. 006339	0. 03101	0. 072693	0. 002957
0. 005821	0. 010254	0. 01306	0. 00042	0. 002465
0. 000183	0. 071875	0. 00203	0. 000491	0. 003821
0. 000727	0. 000195	0. 002361	0. 020954	0. 001379
0. 011875	0. 036006	0. 007371	0. 005595	0. 000401
0. 001352	0. 001392	0. 003095	0. 039639	0. 011973
0. 014772	0. 000688	0. 011113	0. 001339	0. 035075
0. 01606	0. 019637	0. 003693	0. 057896	0. 00159
0. 000214	0. 002984	0. 001169	0. 015207	0. 008513
0. 009342	0. 004252	0. 000319	0. 002674	0. 004672
0. 002008	0. 002798	0. 002245	0. 000753	0. 083638
0. 006802	0. 000258	0. 000841	0. 010784	0. 00332
0. 0019	0. 000634	0. 001772	0. 014772	0. 01809
0. 000315	0. 002623	0. 000377	0. 002653	0. 004333
0. 00125	0. 001297	0. 024531	0. 002118	0. 00151
0. 020181	0. 002175	0. 000398	0. 000512	0. 001073
0. 000358	0. 035022	0. 000485	0. 01191	0. 02252
0. 001187	0. 00177	7. 92E-05	0. 002575	0. 001185
0. 004195	0. 004945	0. 000776	0. 009551	0. 000353
0. 154076	0. 071678	3. 79E-05	0. 001833	0. 00145
0. 000275	0. 008886	0. 002106	0. 010336	0. 016837
0. 002506	0. 006732	0. 000635	0. 006118	0. 003281
0. 001554	0. 007382	0. 001221	0. 001015	0. 003222
0. 001371	0. 000582	0. 00144	0. 001975	0. 001106
0. 000551	0. 005377	0. 001495	0. 000468	0. 065384
0. 005639	0. 000599	0. 001925	0. 001267	0. 002906
0. 000269	0. 000384	0. 000102	0. 002777	0. 003759
0. 005058	0. 061784	0. 016135	0. 000963	0. 003119
0. 001194	0. 003406	0. 00074	0. 037727	0. 001686
0. 000165	0. 007351	0. 019382	0. 003879	0. 000172
0. 002316	0. 004455	0. 007463	0. 000326	0. 000359
6. 51E- 05	0. 005557	0. 000372	0. 000827	0. 000845

0. 000313	0. 00105	0. 004127	0. 003715	0. 006701
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0. 014455	0. 001919	0. 014923	0. 002537	0. 03156
0. 013855	0. 018769	0. 000768	0. 003366	0. 018481
0. 004043	0. 012511	0. 003088	0. 000571	0. 000112
0. 001284	0. 001203	0. 004163	0. 006076	0. 005922
0. 007138	0. 033703	0. 016469	0. 020382	0. 000987
0. 021437	0. 007576	0. 000356	0. 002135	0. 000864
0. 000732	5. 46E-05	0. 001253	0. 007233	0. 025584
0. 008984	0. 000174	0. 03068	0. 000219	9. 15E-05
0. 000413	0. 000971	0. 000801	0. 00053	0. 00016
0. 001525	0. 007521	0. 015323	0. 004883	0. 004706
0. 010173	0. 002054	0. 004539	0. 025216	0. 001239
0. 000382	0. 005486	0. 042297	0. 001361	0. 01438
0. 003195	0. 000253	0. 002812	0. 00945	0. 001559
0. 009176	0. 010103	5E-05	2. 63E-05	0. 002713
0. 023789	0. 000958	0. 001731	0. 00133	0. 008292
0. 000688	0. 006565	0. 01116	0. 009392	0. 000277
0. 000567	0. 000334	0. 008751	0. 00602	0. 001755
0. 00837	0. 012271	0. 001479	0. 006947	0. 052311
0. 001316	0. 000516	0. 000226	0. 015642	0. 037045
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0. 001076	0. 003851	0. 000437	0. 006886	0. 000581
0. 016284	0. 002724	0. 002231	0. 003898	0. 000705
0. 005306	0. 007858	0. 001781	0. 00803	0. 001116
0. 007881	0. 001395	0. 002688	0. 000877	0. 001215
0. 0041	0. 000711	0. 000247	0. 000722	0. 013314
0. 010627	0. 000263	0. 00171	0. 00012	0. 000818
0. 001792	0. 000786	0. 000446	0. 006303	0. 002546
0. 001723	0. 001019	0. 008624	0. 003252	0. 004909
0. 001651	0. 000305	0. 00216	0. 00239	0. 000894
0. 020264	0. 002189	0. 00656	0. 00061	0. 001356
0. 000795	0. 008889	0. 005832	0. 000345	0. 000915
0. 002886	0. 000442	0. 003009	0. 009607	0. 000629
0. 002872	0. 000165	0. 013607	0. 007171	0. 002167
0. 385864	0. 003774	0. 011412	0. 002459	0. 003505
0. 049125	0. 001057	0. 001093	0. 008052	0. 002378
0. 00066	0. 006804	0. 00013	0. 0124	0. 000905
0. 007027	0. 00046	0. 000599	0. 012838	0. 001418
0. 032911	0. 000145	0. 002002	0. 022198	0. 02869
0. 005134	0. 009087	0. 023774	0. 002847	0. 001541
0. 001004	0. 002305	0. 004195	0. 02329	0. 003926
0. 026588	0. 004007	0. 004566	0. 005229	0. 005407
0. 00572	0. 002407	0. 0009	0. 010481	0. 005295
0. 005522	0. 001573	0. 000408	0. 001617	0. 001907
0. 002752	0. 007709	0. 004653	0. 000587	0. 003586
0. 000763	0. 011378	0. 00068	0. 003983	0. 001696
0. 00015	0. 010021	0. 00665	0. 01405	0. 053722
0. 000653	0. 000288	0. 001456	0. 028375	0. 005053
0. 001831	0. 041064	0. 001041	0. 017263	0. 010533
0. 009266	0. 027325	0. 005658	0. 001805	0. 001859
0. 007756	0. 044523	0. 004084	0. 019126	0. 001299
0. 001308	0. 002043	0. 00024	0. 000301	0. 025968
0. 010986	0. 001949	0. 000389	0. 000856	0. 01264
0. 000555	0. 069337	0. 000213	0. 006166	
0. 001101	0. 002594	0. 009711	0. 003292	
0. 006216	0. 000295	0. 000233	0. 002256	
0. 000454	0. 00115	0. 002515	0. 001627	
0. 003653	0. 005989	0. 001643	0. 002625	
0. 005173	0. 001998	0. 006862	0. 165065	
0. 136968	0. 000278	0. 008253	0. 00281	Peanutbutter- r
0. 001164	0. 000332	0. 00293	0. 000205	mb
0. 017772	0. 0138	0. 000945	0. 004503	TOTALLOD=31

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0. 016	0. 0063	0. 0035	0. 012013	0. 001131
0. 015	0. 0063	0. 0035	0. 002275	0. 001263
0. 014	0. 0063	0. 0035	0. 020922	0. 002551
0. 013	0. 0063	0. 0035	0. 003922	0. 000415
0. 013	0. 0063	0. 0035	0. 00274	0. 004118
0. 013	0. 0061	0. 0035	3. 49E-05	0. 003307
0. 013	0. 0061	0. 0035	0. 052163	0. 00789
0. 013	0. 0061	0. 0035	0. 009797	0. 000566
0. 012	0. 0059	0. 0035	0. 001498	0. 002486
0. 012	0. 0058	0. 0035	0. 003243	0. 026418
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0. 011	0. 0056	0. 0035	5. 6E-05	0. 000793
0. 011	0. 0056	0. 0035	0. 000352	0. 00072
0. 011	0. 0055	0. 0035	0. 000145	0. 001811
0. 01	0. 0054	0. 0035	0. 001718	0. 001571
0. 0099	0. 0054	0. 0035	0. 004687	0. 00074
0. 0098	0. 0054	0. 0035	0. 000292	0. 000606
0. 0095	0. 0054	0. 0035	0. 003624	0. 001399
0. 0094	0. 0053	0. 0035	0. 003767	0. 001714
0. 0093	0. 0053	0. 0035	0. 017882	0. 006454
0. 0093	0. 0053	0. 0035	0. 007346	0. 010511
0. 0093	0. 0053	0. 0035	0. 008035	0. 001059
0. 0088	0. 0053	0. 0035	0. 005492	0. 000746
0. 0088	0. 0052	0. 0035	0. 009911	0. 010861
0. 0087	0. 0052	0. 0035	0. 001751	0. 014284
0. 0086	0. 0051	0. 0035	0. 001152	0. 01167
0. 0085	0. 0035	0. 0035	0. 027306	0. 010305
0. 0084	0. 0035	0. 0035	0. 001918	0. 003321
0. 0083	0. 0035	0. 0035	0. 001267	0. 003712
0. 0083	0. 0035	0. 0035	0. 001414	0. 002537
0. 0082	0. 0035	0. 0035	0. 000455	0. 015685
0. 0082	0. 0035	0. 0035	0. 003463	0. 00147
0. 0081	0. 0035	0. 0035	0. 007652	0. 013633
0. 0079	0. 0035	0. 0035	0. 003593	0. 006512
0. 0078	0. 0035	0. 0035	0. 000673	0. 00447
0. 0078	0. 0035	0. 0035	0. 001326	0. 022162
0. 0077	0. 0035	0. 0035	0. 004043	0. 000279
0. 0077	0. 0035	0. 0035	0. 000497	0. 016789
0. 0077	0. 0035	0. 0035	0. 009112	0. 000451
0. 0077	0. 0035	0. 0035	0. 000226	0. 018323
0. 0076	0. 0035		0. 000372	0. 025586
0. 0074	0. 0035		0. 000709	0. 0007
0. 0074	0. 0035	PEACH2000NB	0. 00047	0. 00051
0. 0073	0. 0035	TOTALZ=6940	0. 003075	0. 005433
0. 0072	0. 0035	TOTALLOD=422	0. 000506	0. 003782
0. 0072	0. 0035	LODRES=. 0025	0. 002067	0. 02327
0. 0072	0. 0035	0. 00341	0. 009423	0. 005911
0. 0072	0. 0035	0. 00327	0. 000903	0. 002294
0. 0071	0. 0035	0. 003681	0. 001696	0. 000209
0. 0071	0. 0035	0. 048628	0. 013188	0. 006257
0. 007	0. 0035	0. 001776	0. 010726	0. 002756
0. 0069	0. 0035	0. 001605	0. 000533	0. 000519
0. 0068	0. 0035	0. 008409	0. 005966	0. 060828
0. 0068	0. 0035	0. 000336	0. 123829	0. 002716
0. 0067	0. 0035	0. 001361	8. 29E-05	0. 000609
0. 0067	0. 0035	0. 021599	0. 01559	0. 029062
0. 0067	0. 0035	0. 008139	0. 024735	0. 001304
0. 0066	0. 0035	0. 005314	0. 005549	0. 025155

0. 03772	0. 007274	0. 004066	0. 000837	0. 001926
0. 007198	0. 012429	0. 001008	0. 001988	0. 000751
0. 004378	0. 002961	0. 009533	0. 002204	0. 000542
0. 005102	0. 000988	0. 013815	0. 012675	0. 004528
0. 003961	0. 023542	0. 005775	0. 032636	0. 00488
0. 000563	0. 000702	0. 001113	0. 002692	0. 000932
0. 001142	0. 036854	0. 003156	0. 000944	0. 003228
0. 004349	0. 046843	0. 001852	0. 001819	0. 001454
0. 007868	0. 008223	0. 001801	0. 041054	0. 003199
0. 003029	0. 000324	0. 012242	0. 022558	0. 004797
0. 337842	0. 000475	0. 001024	0. 000925	0. 027985
0. 008946	0. 000387	0. 002441	0. 000394	0. 01114
0. 000967	0. 001522	0. 001041	0. 000642	0. 050386
0. 002407	0. 004509	0. 000619	0. 00194	0. 083766
0. 000959	0. 031121	0. 003171	0. 005994	0. 015451
0. 000139	0. 006063	0. 00124	0. 001511	0. 004752
0. 000198	0. 000487	0. 002667	0. 000104	0. 003653
0. 001675	0. 004622	0. 000807	0. 000523	0. 000881
0. 000303	0. 019094	0. 003823	0. 009046	0. 000437
0. 053692	0. 210025	0. 007042	0. 005884	0. 001658
0. 005479	0. 009623	0. 000126	0. 000656	0. 000314
0. 002196	0. 000763	0. 001087	0. 002559	0. 005821
0. 000112	0. 013003	0. 000824	0. 010875	0. 000183
0. 000651	0. 003008	0. 004014	0. 006116	0. 000727
8. 68E-05	0. 005018	0. 001077	0. 004634	0. 011875
0. 0011	0. 001646	0. 004264	0. 000117	0. 001352
0. 000426	0. 001052	0. 007638	0. 027009	0. 014772
0. 00059	0. 017526	0. 001581	0. 003541	0. 01606
0. 004959	0. 005224	0. 002128	0. 00292	0. 000214
0. 000329	0. 017208	0. 002159	0. 002579	0. 009342
0. 018707	0. 000677	0. 00205	0. 001869	0. 002008
0. 003352	0. 000221	0. 00339	0. 014563	0. 006802
0. 002654	0. 002224	0. 007496	0. 003445	0. 0019
0. 011329	0. 002836	0. 006869	0. 007141	0. 000315
0. 042916	0. 011794	0. 001225	0. 000854	0. 00125
0. 000545	0. 008079	0. 03227	0. 004185	0. 020181
0. 006276	0. 002348	0. 00414	0. 010439	0. 000358
0. 002144	0. 00167	0. 001562	0. 012543	0. 001187
0. 00174	0. 001833	0. 029553	0. 000442	0. 004195
0. 089071	4. 41E-05	0. 003535	0. 004427	0. 154076
0. 00851	0. 00777	0. 000667	0. 010129	0. 000275
0. 001034	0. 001538	0. 00015	0. 00042	0. 002506
0. 00562	0. 000289	0. 001441	0. 000168	0. 001554
0. 007564	0. 039379	9. 99E-05	0. 001881	0. 001371
0. 000361	0. 004315	0. 001117	0. 009259	0. 000551
0. 001615	0. 009999	0. 030646	0. 000342	0. 005639
0. 00092	0. 020685	0. 000578	0. 000971	0. 000269
0. 005122	0. 004857	0. 000997	0. 0003	0. 005058
0. 006401	0. 00305	0. 002032	7. 45E-05	0. 001194
0. 001979	0. 000176	0. 00079	0. 000782	0. 000165
0. 001283	0. 001201	0. 00665	0. 000827	0. 002316
0. 011444	0. 008563	0. 000485	0. 000462	6. 51E-05
0. 000408	0. 000861	0. 000627	0. 002057	0. 00019
0. 008296	0. 002776	0. 006894	0. 002399	0. 000982
0. 065495	0. 001072	8. 45E-06	0. 0008	0. 004706
0. 001423	0. 10385	0. 000259	0. 001161	0. 000403
0. 002099	0. 003866	0. 002876	0. 001625	0. 002111
0. 000894	0. 002261	0. 00881	0. 001217	0. 013373
0. 014031	0. 001433	0. 003936	0. 006576	0. 000766
0. 002819	0. 05672	0. 000876	0. 002616	0. 005723
0. 016524	0. 004577	0. 000378	0. 014992	0. 099064
0. 003592	0. 00247	0. 000159	0. 001171	0. 003102
0. 00013	0. 001957	0. 000229	0. 000848	0. 002328

0. 002377	0. 103281	0. 001385	0. 005866	0. 001525
0. 00518	0. 004277	0. 002068	0. 000182	0. 010173
0. 008655	0. 011774	0. 002614	0. 001258	0. 000382
0. 04504	0. 00221	6. 94E-05	0. 00014	0. 003195
0. 000239	0. 015691	0. 000923	0. 001409	0. 009176
0. 002438	0. 000743	0. 000498	0. 085647	0. 023789
0. 001478	0. 001476	0. 001672	0. 000662	0. 000688
0. 019977	0. 00538	0. 000697	0. 000536	0. 000567
0. 015141	0. 003037	0. 004855	0. 099915	0. 00837
0. 01106	0. 000201	0. 000189	9. 63E-05	0. 001316
0. 003858	0. 000122	0. 002421	0. 0005	0. 001029
0. 000245	0. 003434	0. 017171	0. 008196	0. 001076
0. 01625	0. 004408	0. 000562	0. 000812	0. 016284
0. 001311	0. 000191	0. 000267	0. 000934	0. 005306
0. 033495	0. 002341	0. 003043	0. 047692	0. 007881
0. 017082	0. 004378	0. 003452	0. 004968	0. 0041
0. 002933	0. 001145	0. 021541	0. 006406	0. 010627
0. 001336	0. 029273	0. 002313	0. 001597	0. 001792
0. 005265	0. 006466	0. 003395	0. 001126	0. 001723
0. 003131	0. 000879	7. 57E-05	0. 000603	0. 001651
0. 006339	0. 03101	0. 072693	0. 002957	0. 020264
0. 010254	0. 01306	0. 00042	0. 002465	0. 000795
0. 071875	0. 00203	0. 000491	0. 003821	0. 002886
0. 000195	0. 002361	0. 020954	0. 001379	0. 002872
0. 036006	0. 007371	0. 005595	0. 000401	0. 385864
0. 001392	0. 003095	0. 039639	0. 011973	0. 049125
0. 000688	0. 011113	0. 001339	0. 035075	0. 00066
0. 019637	0. 003693	0. 057896	0. 00159	0. 007027
0. 002984	0. 001169	0. 015207	0. 008513	0. 032911
0. 004252	0. 000319	0. 002674	0. 004672	0. 005134
0. 002798	0. 002245	0. 000753	0. 083638	0. 001004
0. 000258	0. 000841	0. 010784	0. 00332	0. 026588
0. 000634	0. 001772	0. 014772	0. 01809	0. 00572
0. 002623	0. 000377	0. 002653	0. 004333	0. 005522
0. 001297	0. 024531	0. 002118	0. 00151	0. 002752
0. 002175	0. 000398	0. 000512	0. 001073	0. 000763
0. 035022	0. 000485	0. 01191	0. 02252	0. 00015
0. 00177	7. 92E-05	0. 002575	0. 001185	0. 000653
0. 004945	0. 000776	0. 009551	0. 000353	0. 001831
0. 071678	3. 79E-05	0. 001833	0. 00145	0. 009266
0. 008886	0. 002106	0. 010336	0. 016837	0. 007756
0. 006732	0. 000635	0. 006118	0. 003281	0. 001308
0. 007382	0. 001221	0. 001015	0. 003222	0. 010986
0. 000582	0. 00144	0. 001975	0. 001106	0. 000555
0. 005377	0. 001495	0. 000468	0. 065384	0. 001101
0. 000599	0. 001925	0. 001267	0. 002906	0. 006216
0. 000384	0. 000102	0. 002777	0. 003759	0. 000454
0. 061784	0. 016135	0. 000963	0. 003119	0. 003653
0. 003406	0. 00074	0. 037727	0. 001686	0. 005173
0. 007351	0. 019382	0. 003879	0. 000172	0. 136968
0. 004455	0. 007463	0. 000326	0. 000359	0. 001164
0. 005557	0. 000372	0. 000827	0. 000845	0. 017772
0. 004322	0. 005102	0. 000672	0. 000313	0. 00105
0. 000429	0. 003643	0. 001198	0. 002495	0. 000622
0. 004804	0. 002094	0. 001887	0. 014455	0. 001919
0. 035758	0. 002283	0. 004598	0. 013855	0. 018769
0. 003527	0. 005009	0. 004248	0. 004043	0. 012511
0. 009887	0. 045159	0. 003146	0. 001284	0. 001203
0. 006343	0. 000244	0. 008688	0. 007138	0. 033703
0. 000989	0. 001954	0. 003601	0. 021437	0. 007576
0. 000542	0. 003188	0. 004766	0. 000732	5. 46E-05
0. 217453	0. 000526	0. 017735	0. 008984	0. 000174
0. 001541	0. 000644	0. 011637	0. 000413	0. 000971

0. 007521	0. 015323	0. 004883	0. 004706	
0. 002054	0. 004539	0. 025216	0. 001239	0. 0005
0. 005486	0. 042297	0. 001361	0. 01438	
0. 000253	0. 002812	0. 00945	0. 001559	0. 04
0. 010103	5E-05	2. 63E-05	0. 002713	0. 0005
0. 000958	0. 001731	0. 00133	0. 008292	
0. 006565	0. 01116	0. 009392	0. 000277	
0. 000334	0. 008751	0. 00602	0. 001755	
0. 012271	0. 001479	0. 006947	0. 052311	
0. 000516	0. 000226	0. 015642	0. 037045	
0. 000473	0. 001872	0. 005766	0. 019756	PLUM2000NB
0. 003851	0. 000437	0. 006886	0. 000581	TOTALZ=22278
0. 002724	0. 002231	0. 003898	0. 000705	TOTALLOD=422
0. 007858	0. 001781	0. 00803	0. 001116	LODRES=. 0025
0. 001395	0. 002688	0. 000877	0. 001215	0. 00341
0. 000711	0. 000247	0. 000722	0. 013314	0. 00327
0. 000263	0. 00171	0. 00012	0. 000818	0. 003681
0. 000786	0. 000446	0. 006303	0. 002546	0. 048628
0. 001019	0. 008624	0. 003252	0. 004909	0. 001776
0. 000305	0. 00216	0. 00239	0. 000894	0. 001605
0. 002189	0. 00656	0. 00061	0. 001356	0. 008409
0. 008889	0. 005832	0. 000345	0. 000915	0. 000336
0. 000442	0. 003009	0. 009607	0. 000629	0. 001361
0. 000165	0. 013607	0. 007171	0. 002167	0. 021599
0. 003774	0. 011412	0. 002459	0. 003505	0. 008139
0. 001057	0. 001093	0. 008052	0. 002378	0. 005314
0. 006804	0. 00013	0. 0124	0. 000905	0. 00289
0. 00046	0. 000599	0. 012838	0. 001418	0. 00091
0. 000145	0. 002002	0. 022198	0. 02869	0. 012764
0. 009087	0. 023774	0. 002847	0. 001541	0. 021306
0. 002305	0. 004195	0. 02329	0. 003926	0. 012013
0. 004007	0. 004566	0. 005229	0. 005407	0. 002275
0. 002407	0. 0009	0. 010481	0. 005295	0. 020922
0. 001573	0. 000408	0. 001617	0. 001907	0. 003922
0. 007709	0. 004653	0. 000587	0. 003586	0. 00274
0. 011378	0. 00068	0. 003983	0. 001696	3. 49E- 05
0. 010021	0. 00665	0. 01405	0. 053722	0. 052163
0. 000288	0. 001456	0. 028375	0. 005053	0. 009797
0. 041064	0. 001041	0. 017263	0. 010533	0. 001498
0. 027325	0. 005658	0. 001805	0. 001859	0. 003243
0. 044523	0. 004084	0. 019126	0. 001299	0. 023958
0. 002043	0. 00024	0. 000301	0. 025968	0. 006189
0. 001949	0. 000389	0. 000856	0. 01264	5. 6E- 05
0. 069337	0. 000213	0. 006166		0. 000352
0. 002594	0. 009711	0. 003292		0. 000145
0. 000295	0. 000233	0. 002256		0. 001718
0. 00115	0. 002515	0. 001627	PEACHES- CANNE	0. 004687
0. 005989	0. 001643	0. 002625	D- PDP	0. 000292
0. 001998	0. 006862	0. 165065	TOTALZ=589	0. 003624
0. 000278	0. 008253	0. 00281	TOTALLOD=119	0. 003767
0. 000332	0. 00293	0. 000205	LODRES=. 0025	0. 017882
0. 0138	0. 000945	0. 004503	. 0025	0. 007346
0. 004127	0. 003715	0. 006701		0. 008035
0. 003546	0. 013209	0. 002987		0. 005492
0. 014923	0. 002537	0. 03156	PEANUT- FDA	0. 009911
0. 000768	0. 003366	0. 018481	TOTALLOD=96	0. 001751
0. 003088	0. 000571	0. 000112	LODRES=. 00015	0. 001152
0. 004163	0. 006076	0. 005922		0. 027306
0. 016469	0. 020382	0. 000987	0. 021	0. 001918
0. 000356	0. 002135	0. 000864		0. 001267
0. 001253	0. 007233	0. 025584	0. 02	0. 001414
0. 03068	0. 000219	9. 15E- 05		0. 000455
0. 000801	0. 00053	0. 00016	0. 02	0. 003463

0. 007652	0. 013633	0. 002144	0. 00167	0. 001562
0. 003593	0. 006512	0. 00174	0. 001833	0. 029553
0. 000673	0. 00447	0. 089071	4. 41E- 05	0. 003535
0. 001326	0. 022162	0. 00851	0. 00777	0. 000667
0. 004043	0. 000279	0. 001034	0. 001538	0. 00015
0. 000497	0. 016789	0. 00562	0. 000289	0. 001441
0. 009112	0. 000451	0. 007564	0. 039379	9. 99E- 05
0. 000226	0. 018323	0. 000361	0. 004315	0. 001117
0. 000372	0. 025586	0. 001615	0. 009999	0. 030646
0. 000709	0. 0007	0. 00092	0. 020685	0. 000578
0. 00047	0. 00051	0. 005122	0. 004857	0. 000997
0. 003075	0. 005433	0. 006401	0. 00305	0. 002032
0. 000506	0. 003782	0. 001979	0. 000176	0. 00079
0. 002067	0. 02327	0. 001283	0. 001201	0. 00665
0. 009423	0. 005911	0. 011444	0. 008563	0. 000485
0. 000903	0. 002294	0. 000408	0. 000861	0. 000627
0. 001696	0. 000209	0. 008296	0. 002776	0. 006894
0. 013188	0. 006257	0. 065495	0. 001072	8. 45E- 06
0. 010726	0. 002756	0. 001423	0. 10385	0. 000259
0. 000533	0. 000519	0. 002099	0. 003866	0. 002876
0. 005966	0. 060828	0. 000894	0. 002261	0. 00881
0. 123829	0. 002716	0. 014031	0. 001433	0. 003936
8. 29E- 05	0. 000609	0. 002819	0. 05672	0. 000876
0. 01559	0. 029062	0. 016524	0. 004577	0. 000378
0. 024735	0. 001304	0. 003592	0. 00247	0. 000159
0. 005549	0. 025155	0. 00013	0. 001957	0. 000229
0. 000252	0. 03772	0. 007274	0. 004066	0. 000837
0. 013488	0. 007198	0. 012429	0. 001008	0. 001988
0. 018411	0. 004378	0. 002961	0. 009533	0. 002204
0. 007005	0. 005102	0. 000988	0. 013815	0. 012675
0. 001131	0. 003961	0. 023542	0. 005775	0. 032636
0. 001263	0. 000563	0. 000702	0. 001113	0. 002692
0. 002551	0. 001142	0. 036854	0. 003156	0. 000944
0. 000415	0. 004349	0. 046843	0. 001852	0. 001819
0. 004118	0. 007868	0. 008223	0. 001801	0. 041054
0. 003307	0. 003029	0. 000324	0. 012242	0. 022558
0. 00789	0. 337842	0. 000475	0. 001024	0. 000925
0. 000566	0. 008946	0. 000387	0. 002441	0. 000394
0. 002486	0. 000967	0. 001522	0. 001041	0. 000642
0. 026418	0. 002407	0. 004509	0. 000619	0. 00194
0. 003493	0. 000959	0. 031121	0. 003171	0. 005994
0. 002244	0. 000139	0. 006063	0. 00124	0. 001511
0. 000793	0. 000198	0. 000487	0. 002667	0. 000104
0. 00072	0. 001675	0. 004622	0. 000807	0. 000523
0. 001811	0. 000303	0. 019094	0. 003823	0. 009046
0. 001571	0. 053692	0. 210025	0. 007042	0. 005884
0. 00074	0. 005479	0. 009623	0. 000126	0. 000656
0. 000606	0. 002196	0. 000763	0. 001087	0. 002559
0. 001399	0. 000112	0. 013003	0. 000824	0. 010875
0. 001714	0. 000651	0. 003008	0. 004014	0. 006116
0. 006454	8. 68E- 05	0. 005018	0. 001077	0. 004634
0. 010511	0. 0011	0. 001646	0. 004264	0. 000117
0. 001059	0. 000426	0. 001052	0. 007638	0. 027009
0. 000746	0. 00059	0. 017526	0. 001581	0. 003541
0. 010861	0. 004959	0. 005224	0. 002128	0. 00292
0. 014284	0. 000329	0. 017208	0. 002159	0. 002579
0. 01167	0. 018707	0. 000677	0. 00205	0. 001869
0. 010305	0. 003352	0. 000221	0. 00339	0. 014563
0. 003321	0. 002654	0. 002224	0. 007496	0. 003445
0. 003712	0. 011329	0. 002836	0. 006869	0. 007141
0. 002537	0. 042916	0. 011794	0. 001225	0. 000854
0. 015685	0. 000545	0. 008079	0. 03227	0. 004185
0. 00147	0. 006276	0. 002348	0. 00414	0. 010439

0. 012543	0. 001187	0. 00177	7. 92E- 05	0. 002575
0. 000442	0. 004195	0. 004945	0. 000776	0. 009551
0. 004427	0. 154076	0. 071678	3. 79E- 05	0. 001833
0. 010129	0. 000275	0. 008886	0. 002106	0. 010336
0. 00042	0. 002506	0. 006732	0. 000635	0. 006118
0. 000168	0. 001554	0. 007382	0. 001221	0. 001015
0. 001881	0. 001371	0. 000582	0. 00144	0. 001975
0. 009259	0. 000551	0. 005377	0. 001495	0. 000468
0. 000342	0. 005639	0. 000599	0. 001925	0. 001267
0. 000971	0. 000269	0. 000384	0. 000102	0. 002777
0. 0003	0. 005058	0. 061784	0. 016135	0. 000963
7. 45E- 05	0. 001194	0. 003406	0. 00074	0. 037727
0. 000782	0. 000165	0. 007351	0. 019382	0. 003879
0. 000827	0. 002316	0. 004455	0. 007463	0. 000326
0. 000462	6. 51E- 05	0. 005557	0. 000372	0. 000827
0. 002057	0. 00019	0. 004322	0. 005102	0. 000672
0. 002399	0. 000982	0. 000429	0. 003643	0. 001198
0. 0008	0. 004706	0. 004804	0. 002094	0. 001887
0. 001161	0. 000403	0. 035758	0. 002283	0. 004598
0. 001625	0. 002111	0. 003527	0. 005009	0. 004248
0. 001217	0. 013373	0. 009887	0. 045159	0. 003146
0. 006576	0. 000766	0. 006343	0. 000244	0. 008688
0. 002616	0. 005723	0. 000989	0. 001954	0. 003601
0. 014992	0. 099064	0. 000542	0. 003188	0. 004766
0. 001171	0. 003102	0. 217453	0. 000526	0. 017735
0. 000848	0. 002328	0. 001541	0. 000644	0. 011637
0. 001926	0. 002377	0. 103281	0. 001385	0. 005866
0. 000751	0. 00518	0. 004277	0. 002068	0. 000182
0. 000542	0. 008655	0. 011774	0. 002614	0. 001258
0. 004528	0. 04504	0. 00221	6. 94E- 05	0. 00014
0. 00488	0. 000239	0. 015691	0. 000923	0. 001409
0. 000932	0. 002438	0. 000743	0. 000498	0. 085647
0. 003228	0. 001478	0. 001476	0. 001672	0. 000662
0. 001454	0. 019977	0. 00538	0. 000697	0. 000536
0. 003199	0. 015141	0. 003037	0. 004855	0. 099915
0. 004797	0. 01106	0. 000201	0. 000189	9. 63E- 05
0. 027985	0. 003858	0. 000122	0. 002421	0. 0005
0. 011114	0. 000245	0. 003434	0. 017171	0. 008196
0. 050386	0. 01625	0. 004408	0. 000562	0. 000812
0. 083766	0. 001311	0. 000191	0. 000267	0. 000934
0. 015451	0. 033495	0. 002341	0. 003043	0. 047692
0. 004752	0. 017082	0. 004378	0. 003452	0. 004968
0. 003653	0. 002933	0. 001145	0. 021541	0. 006406
0. 000881	0. 001336	0. 029273	0. 002313	0. 001597
0. 000437	0. 005265	0. 006466	0. 003395	0. 001126
0. 001658	0. 003131	0. 000879	7. 57E- 05	0. 000603
0. 000314	0. 006339	0. 03101	0. 072693	0. 002957
0. 005821	0. 010254	0. 01306	0. 00042	0. 002465
0. 000183	0. 071875	0. 00203	0. 000491	0. 003821
0. 000727	0. 000195	0. 002361	0. 020954	0. 001379
0. 011875	0. 036006	0. 007371	0. 005595	0. 000401
0. 001352	0. 001392	0. 003095	0. 039639	0. 011973
0. 014772	0. 000688	0. 011113	0. 001339	0. 035075
0. 01606	0. 019637	0. 003693	0. 057896	0. 00159
0. 000214	0. 002984	0. 001169	0. 015207	0. 008513
0. 009342	0. 004252	0. 000319	0. 002674	0. 004672
0. 002008	0. 002798	0. 002245	0. 000753	0. 083638
0. 006802	0. 000258	0. 000841	0. 010784	0. 00332
0. 0019	0. 000634	0. 001772	0. 014772	0. 01809
0. 000315	0. 002623	0. 000377	0. 002653	0. 004333
0. 00125	0. 001297	0. 024531	0. 002118	0. 00151
0. 020181	0. 002175	0. 000398	0. 000512	0. 001073
0. 000358	0. 035022	0. 000485	0. 01191	0. 02252

0. 001185	0. 000653	0. 000288	0. 001456
0. 000353	0. 001831	0. 041064	0. 001041
0. 00145	0. 009266	0. 027325	0. 005658
0. 016837	0. 007756	0. 044523	0. 004084
0. 003281	0. 001308	0. 002043	0. 00024
0. 003222	0. 010986	0. 001949	0. 000389
0. 001106	0. 000555	0. 069337	0. 000213
0. 065384	0. 001101	0. 002594	0. 009711
0. 002906	0. 006216	0. 000295	0. 000233
0. 003759	0. 000454	0. 00115	0. 002515
0. 003119	0. 003653	0. 005989	0. 001643
0. 001686	0. 005173	0. 001998	0. 006862
0. 000172	0. 136968	0. 000278	0. 008253
0. 000359	0. 001164	0. 000332	0. 00293
0. 000845	0. 017772	0. 0138	0. 000945
0. 000313	0. 00105	0. 004127	0. 003715
0. 002495	0. 000622	0. 003546	0. 013209
0. 014455	0. 001919	0. 014923	0. 002537
0. 013855	0. 018769	0. 000768	0. 003366
0. 004043	0. 012511	0. 003088	0. 000571
0. 001284	0. 001203	0. 004163	0. 006076
0. 007138	0. 033703	0. 016469	0. 020382
0. 021437	0. 007576	0. 000356	0. 002135
0. 000732	5. 46E-05	0. 001253	0. 007233
0. 008984	0. 000174	0. 03068	0. 000219
0. 000413	0. 000971	0. 000801	0. 00053
0. 001525	0. 007521	0. 015323	0. 004883
0. 010173	0. 002054	0. 004539	0. 025216
0. 000382	0. 005486	0. 042297	0. 001361
0. 003195	0. 000253	0. 002812	0. 00945
0. 009176	0. 010103	5E-05	2. 63E-05
0. 023789	0. 000958	0. 001731	0. 00133
0. 000688	0. 006565	0. 01116	0. 009392
0. 000567	0. 000334	0. 008751	0. 00602
0. 00837	0. 012271	0. 001479	0. 006947
0. 001316	0. 000516	0. 000226	0. 015642
0. 001029	0. 000473	0. 001872	0. 005766
0. 001076	0. 003851	0. 000437	0. 006886
0. 016284	0. 002724	0. 002231	
0. 005306	0. 007858	0. 001781	
0. 007881	0. 001395	0. 002688	
0. 0041	0. 000711	0. 000247	
0. 010627	0. 000263	0. 00171	
0. 001792	0. 000786	0. 000446	
0. 001723	0. 001019	0. 008624	
0. 001651	0. 000305	0. 00216	
0. 020264	0. 002189	0. 00656	
0. 000795	0. 008889	0. 005832	
0. 002886	0. 000442	0. 003009	
0. 002872	0. 000165	0. 013607	
0. 385864	0. 003774	0. 011412	
0. 049125	0. 001057	0. 001093	
0. 00066	0. 006804	0. 00013	
0. 007027	0. 00046	0. 000599	
0. 032911	0. 000145	0. 002002	
0. 005134	0. 009087	0. 023774	
0. 001004	0. 002305	0. 004195	
0. 026588	0. 004007	0. 004566	
0. 00572	0. 002407	0. 0009	
0. 005522	0. 001573	0. 000408	
0. 002752	0. 007709	0. 004653	
0. 000763	0. 011378	0. 00068	
0. 00015	0. 010021	0. 00665	

0. 003898	0. 000705	. 0005	0. 001394	0. 003528
0. 00803	0. 001116	. 02	0. 001532	0. 002539
0. 000877	0. 001215	. 02	0. 000575	0. 012261
0. 000722	0. 013314	. 009	0. 003322	0. 001585
0. 00012	0. 000818		0. 006593	0. 010861
0. 006303	0. 002546		0. 003430	0. 005735
0. 003252	0. 004909		0. 000806	0. 004143
0. 00239	0. 000894		0. 001449	0. 016531
0. 00061	0. 001356		0. 003798	0. 000377
0. 000345	0. 000915		0. 000621	0. 013003
0. 009607	0. 000629		0. 007667	0. 000570
0. 007171	0. 002167		0. 000314	0. 014024
0. 002459	0. 003505		0. 000483	0. 018716
0. 008052	0. 002378	CITRUS- OTHER	0. 000844	0. 000834
0. 0124	0. 000905	- (orange- pdp)	0. 000591	0. 000635
0. 012838	0. 001418	TOTALZ=5293	0. 002998	0. 004904
0. 022198	0. 02869	TOTALLOD=1495	0. 000630	0. 003586
0. 002847	0. 001541	LODRS=. 0021	0. 002127	0. 017243
0. 02329	0. 003926	0. 003278	0. 007893	0. 005275
0. 005229	0. 005407	0. 003162	0. 001040	0. 002327
0. 010481	0. 005295	0. 003503	0. 001792	0. 000294
0. 001617	0. 001907	0. 032604	0. 010554	0. 005540
0. 000587	0. 003586	0. 001866	0. 008828	0. 002727
0. 003983	0. 001696	0. 001709	0. 000659	0. 000645
0. 01405	0. 053722	0. 007153	0. 005317	0. 039564
0. 028375	0. 005053	0. 000443	0. 073138	0. 002693
0. 017263	0. 010533	0. 001482	0. 000132	0. 000740
0. 001805	0. 001859	0. 016167	0. 012197	0. 020895
0. 019126	0. 001299	0. 006955	0. 018177	0. 001429
0. 000301	0. 025968	0. 004811	0. 004994	0. 018443
0. 000856	0. 01264	0. 002841	0. 000345	0. 026177
0. 006166		0. 001047	0. 010762	0. 006254
0. 003292		0. 010260	0. 014082	0. 004069
0. 002256		0. 015977	0. 006109	0. 004645
0. 001627		0. 009737	0. 001263	0. 003732
0. 002625		0. 002311	0. 001390	0. 000691
0. 165065	PLUMS- CANNED-	0. 015728	0. 002552	0. 001273
0. 00281	PDP	0. 003700	0. 000530	0. 004046
0. 000205	TOTALZ=666	0. 002714	0. 003860	0. 006754
0. 004503	TOTALLOD=42	0. 000063	0. 003193	0. 002960
0. 006701	LODRS=. 0025	0. 034643	0. 006770	0. 174145
0. 002987	. 0025	0. 008163	0. 000694	0. 007547
0. 03156		0. 001610	0. 002495	0. 001103
0. 018481		0. 003140	0. 019241	0. 002427
0. 000112		0. 017682	0. 003348	0. 001095
0. 005922		0. 005488	0. 002284	0. 000206
0. 000987		0. 000094	0. 000930	0. 000280
0. 000864	RADI SH - FDA	0. 000460	0. 000855	0. 001774
0. 025584	TOTALZ=96	0. 000214	0. 001897	0. 000404
9. 15E- 05	TOTALLOD=9	0. 001813	0. 001678	0. 035519
0. 00016		0. 004316	0. 000875	0. 004940
0. 004706	LODRS=. 00015	0. 000391	0. 000737	0. 002241
0. 001239	d o c	0. 003456	0. 001518	0. 000171
0. 01438	co- mingled	0. 003574	0. 001809	0. 000783
0. 001559	. 039	0. 013732	0. 005691	0. 000137
0. 002713	. 07	0. 006364	0. 008675	0. 001233
0. 008292	. 07	0. 006877	0. 001193	0. 000543
0. 000277	. 099	0. 004950	0. 000882	0. 000720
0. 001755	. 0005	0. 008246	0. 008924	0. 004532
0. 052311	. 06	0. 001843	0. 011309	0. 000434
0. 037045	. 028	0. 001283	0. 009496	0. 014278
0. 019756	. 0005	0. 019799	0. 008528	0. 003230
0. 000581	. 091	0. 001994	0. 003204	0. 002640

0. 009255	0. 002796	0. 006006	0. 006211	0. 000419
0. 029266	0. 009583	0. 001353	0. 000991	0. 001378
0. 000672	0. 006910	0. 022874	0. 003914	0. 015246
0. 005555	0. 002374	0. 003877	0. 008624	0. 000468
0. 002195	0. 001769	0. 001669	0. 010106	0. 001317
0. 001833	0. 001917	0. 021200	0. 000561	0. 003922
0. 055013	0. 000076	0. 003382	0. 004109	0. 088345
0. 007227	0. 006681	0. 000800	0. 008402	0. 000372
0. 001169	0. 001648	0. 000221	0. 000536	0. 002512
0. 005050	0. 000388	0. 001557	0. 000243	0. 001662
0. 006528	0. 027170	0. 000155	0. 001961	0. 001491
0. 000471	0. 004018	0. 001249	0. 007775	0. 000678
0. 001718	0. 008308	0. 021876	0. 000449	0. 005064
0. 001057	0. 015574	0. 000707	0. 001108	0. 000365
0. 004660	0. 004451	0. 001133	0. 000401	0. 004610
0. 005651	0. 002977	0. 002096	0. 000120	0. 001323
0. 002049	0. 000253	0. 000926	0. 000918	0. 000239
0. 001408	0. 001330	0. 005840	0. 000964	0. 002347
0. 009336	0. 007266	0. 000607	0. 000583	0. 000107
0. 000524	0. 000998	0. 000758	0. 002118	0. 000271
0. 007071	0. 002744	0. 006025	0. 002419	0. 001118
0. 042175	0. 001206	0. 000018	0. 000937	0. 004331
0. 001540	0. 062820	0. 000353	0. 001292	0. 000517
0. 002156	0. 003654	0. 002830	0. 001728	0. 002166
0. 001030	0. 002298	0. 007448	0. 001346	0. 010682
0. 011135	0. 001550	0. 003711	0. 005784	0. 000902
0. 002781	0. 037244	0. 001013	0. 002608	0. 005129
0. 012826	0. 004228	0. 000489	0. 011792	0. 060309
0. 003429	0. 002481	0. 000232	0. 001302	0. 003021
0. 000195	0. 002029	0. 000318	0. 000984	0. 002357
0. 006311	0. 003817	0. 000973	0. 002001	0. 002400
0. 010027	0. 001143	0. 002057	0. 000886	0. 004706
0. 002902	0. 007973	0. 002248	0. 000668	0. 007334
0. 001124	0. 010987	0. 010198	0. 004189	0. 030514
0. 017417	0. 005169	0. 023098	0. 004469	0. 000329
0. 000836	0. 001245	0. 002673	0. 001069	0. 002453
0. 025657	0. 003066	0. 001081	0. 003127	0. 001592
0. 031567	0. 001935	0. 001904	0. 001570	0. 015112
0. 007016	0. 001889	0. 028165	0. 003102	0. 011892
0. 000429	0. 009897	0. 016786	0. 004404	0. 009065
0. 000597	0. 001159	0. 001062	0. 020224	0. 003648
0. 000499	0. 002456	0. 000508	0. 009122	0. 000337
0. 001633	0. 001175	0. 000774	0. 033620	0. 012642
0. 004174	0. 000750	0. 002014	0. 052169	0. 001435
0. 022168	0. 003079	0. 005339	0. 012103	0. 023623
0. 005392	0. 001368	0. 001622	0. 004368	0. 013200
0. 000610	0. 002651	0. 000161	0. 003480	0. 002878
0. 004264	0. 000944	0. 000648	0. 001018	0. 001459
0. 014533	0. 003619	0. 007619	0. 000555	0. 004773
0. 115470	0. 006136	0. 005254	0. 001758	0. 003046
0. 008038	0. 000189	0. 000788	0. 000417	0. 005603
0. 000899	0. 001221	0. 002558	0. 005205	0. 008491
0. 010427	0. 000961	0. 008934	0. 000261	0. 045703
0. 002942	0. 003775	0. 005432	0. 000862	0. 000277
0. 004578	0. 001210	0. 004274	0. 009640	0. 025146
0. 001747	0. 003977	0. 000178	0. 001474	0. 001511
0. 001187	0. 006583	0. 019613	0. 011641	0. 000821
0. 013495	0. 001687	0. 003387	0. 012514	0. 014890
0. 004740	0. 002181	0. 002867	0. 000300	0. 002922
0. 013283	0. 002208	0. 002575	0. 007835	0. 003968
0. 000810	0. 002111	0. 001950	0. 002074	0. 002764
0. 000308	0. 003262	0. 011499	0. 005955	0. 000352
0. 002266	0. 006477	0. 003308	0. 001978	0. 000766

0. 002613	0. 000489	0. 002639	0. 004033	0. 004973
0. 001421	0. 018047	0. 002173	0. 001621	0. 002724
0. 002223	0. 000512	0. 000637	0. 001207	0. 000899
0. 024550	0. 000607	0. 009665	0. 016761	0. 000221
0. 001860	0. 000127	0. 002572	0. 001315	0. 000786
0. 004521	0. 000912	0. 007986	0. 000461	0. 001915
0. 045595	0. 000067	0. 001918	0. 001566	0. 007779
0. 007503	0. 002162	0. 008550	0. 013036	0. 006671
0. 005902	0. 000767	0. 005434	0. 003171	0. 001432
0. 006391	0. 001350	0. 001150	0. 003122	0. 009013
0. 000712	0. 001557	0. 002045	0. 001239	0. 000682
0. 004860	0. 001607	0. 000589	0. 042113	0. 001234
0. 000729	0. 002000	0. 001393	0. 002855	0. 005509
0. 000497	0. 000158	0. 002745	0. 003567	0. 000574
0. 040101	0. 012564	0. 001099	0. 003035	0. 003480
0. 003276	0. 000876	0. 026181	0. 001784	0. 004701
0. 006369	0. 014722	0. 003665	0. 000248	0. 079800
0. 004131	0. 006453	0. 000430	0. 000469	0. 001295
0. 005000	0. 000483	0. 000964	0. 000982	0. 013659
0. 004024	0. 004645	0. 000806	0. 000417	0. 001184
0. 000547	0. 003472	0. 001327	0. 002503	0. 000753
0. 004409	0. 002151	0. 001966	0. 011426	0. 001994
0. 024996	0. 002318	0. 004245	0. 011014	0. 014319
0. 003376	0. 004571	0. 003965	0. 003798	0. 010085
0. 008228	0. 030584	0. 003058	0. 001409	0. 001332
0. 005606	0. 000336	0. 007358	0. 006209	0. 023750
0. 001124	0. 002026	0. 003437	0. 016062	0. 006537
0. 000669	0. 003093	0. 004379	0. 000867	0. 000092
0. 118992	0. 000651	0. 013634	0. 007574	0. 000251
0. 001650	0. 000777	0. 009473	0. 000529	0. 001107
0. 062522	0. 001505	0. 005240	0. 001635	0. 006496
0. 003988	0. 002128	0. 000260	0. 008433	0. 002115
0. 009569	0. 002606	0. 001385	0. 000494	0. 004945
0. 002254	0. 000113	0. 000208	0. 003099	0. 000347
0. 012265	0. 001059	0. 001527	0. 007714	0. 008383
0. 000879	0. 000621	0. 053181	0. 017574	0. 001094
0. 001590	0. 001770	0. 000795	0. 000822	0. 005775
0. 004862	0. 000831	0. 000662	0. 000695	0. 000441
0. 002966	0. 004450	0. 060757	0. 007125	0. 009917
0. 000284	0. 000269	0. 000150	0. 001440	0. 000641
0. 000184	0. 002439	0. 000624	0. 001164	0. 000595
0. 003299	0. 013259	0. 006996	0. 001210	0. 003642
0. 004093	0. 000690	0. 000949	0. 012665	0. 002700
0. 000272	0. 000362	0. 001071	0. 004804	0. 006747
0. 002369	0. 002971	0. 032061	0. 006763	0. 001514
0. 004069	0. 003314	0. 004539	0. 003845	0. 000846
0. 001276	0. 016130	0. 005654	0. 008758	0. 000357
0. 021026	0. 002344	0. 001702	0. 001880	0. 000922
0. 005700	0. 003266	0. 001258	0. 001817	0. 001154
0. 001016	0. 000122	0. 000734	0. 001751	0. 000407
0. 022100	0. 046152	0. 002899	0. 015300	0. 002235
0. 010466	0. 000536	0. 002477	0. 000932	0. 007505
0. 002094	0. 000613	0. 003617	0. 002839	0. 000560
0. 002386	0. 015749	0. 001500	0. 002826	0. 000239
0. 006384	0. 005030	0. 000515	0. 195344	0. 003579
0. 003015	0. 027325	0. 009708	0. 032892	0. 001191
0. 009103	0. 001462	0. 024583	0. 000793	0. 005956
0. 003513	0. 037911	0. 001696	0. 006125	0. 000581
0. 001300	0. 011938	0. 007230	0. 023266	0. 000214
0. 000424	0. 002657	0. 004304	0. 004670	0. 007650
0. 002284	0. 000889	0. 052101	0. 001139	0. 002337
0. 000977	0. 008870	0. 003204	0. 019348	0. 003770
0. 001862	0. 011642	0. 013870	0. 005127	0. 002426

0. 001680	0. 000523	0. 001720	0. 001984	0. 052624
0. 006636	0. 004289	0. 000717	0. 003424	0. 051955
0. 009290	0. 000813	0. 003750	0. 001793	0. 050618
0. 008324	0. 005840	0. 011149	0. 035536	0. 050606
0. 000387	0. 001572	0. 020467	0. 004606	0. 049067
0. 028171	0. 001175	0. 013320	0. 008691	0. 048784
0. 019811	0. 005079	0. 001892	0. 001940	0. 046975
0. 030211	0. 003831	0. 014554	0. 001423	0. 046967
0. 002106	0. 000331	0. 000402	0. 018958	0. 046227
0. 002021	0. 000502	0. 000993	0. 010175	0. 046016
0. 044305	0. 000298	0. 005471		0. 045082
0. 002589	0. 008101	0. 003181	Apple Juice	0. 044809
0. 000396	0. 000322	0. 002294	TOTALZ=94	0. 044053
0. 001281	0. 002520	0. 001730	TOTALLOD=104	0. 043994
0. 005335	0. 001744	0. 002615	LODRS=. 0004	0. 042532
0. 002066	0. 006001	0. 093766	0. 0015	0. 0423
0. 000375	0. 007039	0. 002774	0. 0015	0. 04165
0. 000438	0. 002876	0. 000288		0. 041342
0. 010976	0. 001081	0. 004169		0. 040934
0. 003867	0. 003530	0. 005879	CPYAPPLES- DEC	0. 040139
0. 003392	0. 010569	0. 002924	OMP MARKET	0. 039646
0. 011745	0. 002539	0. 022438	BASKET	0. 039522
0. 000904	0. 003242	0. 014129	TOTALZ=2899	0. 039151
0. 003010	0. 000700	0. 000171	TOTALLOD=536	0. 039113
0. 003896	0. 005402	0. 005284	LODRS=0. 001	0. 037882
0. 012789	0. 015376	0. 001122	0. 36444	0. 037565
0. 000465	0. 002187	0. 001001	0. 324165	0. 037326
0. 001380	0. 006280	0. 018715	0. 219869	0. 036905
0. 021896	0. 000306	0. 000144	0. 213237	0. 036547
0. 000937	0. 000656	0. 000232	0. 172457	0. 036104
0. 012016	0. 004472	0. 004331	0. 1623	0. 035353
0. 004198	0. 018482	0. 001367	0. 146311	0. 035332
0. 028901	0. 001482	0. 011375	0. 133871	0. 034992
0. 002775	0. 007913	0. 001667	0. 114644	0. 034511
0. 000085	0. 000049	0. 002690	0. 114091	0. 034318
0. 001824	0. 001453	0. 007067	0. 110808	0. 033802
0. 009136	0. 007871	0. 000374	0. 109976	0. 033363
0. 007405	0. 005359	0. 001846	0. 10014	0. 033361
0. 001593	0. 006065	0. 034728	0. 09674	0. 032938
0. 000313	0. 012232	0. 025772	0. 094865	0. 032867
0. 001952	0. 005163	0. 014967	0. 094738	0. 032384
0. 000555	0. 006019	0. 000710	0. 083724	0. 032147
0. 002272	0. 003680	0. 000839	0. 082894	0. 031485
0. 001870	0. 006874	0. 001248	0. 082694	0. 031289
0. 002669	0. 001013	0. 001344	0. 080309	0. 031273
0. 000339	0. 000856	0. 010642	0. 076375	0. 031003
0. 001806	0. 000182	0. 000954	0. 076261	0. 030711
0. 000566	0. 005576	0. 002547	0. 072549	0. 030688
0. 007311	0. 003147	0. 004492	0. 071559	0. 029858
0. 002210	0. 002411	0. 001030	0. 068511	0. 029814
0. 005772	0. 000741	0. 001477	0. 067282	0. 029438
0. 005213	0. 000453	0. 001051	0. 064139	0. 029396
0. 002942	0. 008026	0. 000760	0. 064107	0. 028737
0. 010844	0. 006234	0. 002216	0. 062653	0. 028669
0. 009314	0. 002471	0. 003358	0. 062496	0. 028547
0. 001227	0. 006890	0. 002401	0. 060616	0. 028393
0. 000194	0. 010007	0. 001042	0. 059278	0. 027979
0. 000729	0. 010312	0. 001536	0. 058749	0. 027941
0. 002069	0. 016554	0. 020664	0. 057751	0. 027663
0. 017565	0. 002805	0. 001651	0. 056844	0. 027305
0. 003921	0. 017255	0. 003703	0. 05504	0. 027167
0. 004220	0. 004745	0. 004884	0. 054912	0. 027068
0. 001037	0. 008654	0. 004796	0. 054357	0. 026827

0. 026565	0. 017659	0. 012837	0. 009763	0. 007714
0. 026424	0. 017623	0. 012797	0. 009757	0. 007642
0. 026121	0. 017462	0. 012717	0. 009708	0. 007633
0. 025817	0. 017424	0. 012652	0. 009671	0. 007589
0. 025779	0. 017138	0. 012648	0. 009645	0. 007569
0. 025392	0. 017087	0. 012516	0. 00959	0. 007505
0. 025319	0. 017008	0. 012465	0. 009553	0. 007504
0. 025048	0. 016964	0. 012368	0. 009522	0. 007477
0. 024964	0. 016862	0. 012362	0. 009457	0. 007457
0. 02486	0. 016837	0. 012311	0. 009454	0. 00743
0. 02458	0. 016705	0. 012271	0. 009399	0. 007403
0. 024332	0. 016664	0. 012236	0. 009382	0. 007386
0. 024199	0. 01642	0. 012161	0. 009323	0. 007353
0. 024155	0. 016379	0. 012081	0. 009288	0. 007323
0. 023904	0. 016337	0. 012046	0. 009281	0. 007308
0. 023588	0. 016274	0. 012023	0. 009249	0. 007269
0. 023521	0. 01606	0. 012017	0. 00919	0. 007254
0. 023477	0. 016035	0. 011832	0. 009174	0. 007227
0. 02337	0. 016001	0. 01182	0. 009138	0. 007219
0. 023075	0. 015933	0. 011803	0. 009112	0. 007172
0. 023016	0. 01584	0. 011791	0. 009066	0. 00715
0. 022696	0. 015699	0. 011674	0. 009051	0. 007111
0. 02263	0. 015681	0. 011655	0. 008987	0. 007084
0. 022405	0. 015583	0. 011592	0. 008976	0. 007042
0. 022364	0. 015509	0. 011517	0. 008916	0. 007041
0. 022224	0. 015383	0. 011499	0. 008912	0. 007001
0. 022134	0. 015263	0. 011416	0. 008827	0. 006977
0. 021685	0. 015234	0. 011401	0. 008801	0. 006963
0. 021677	0. 015197	0. 011344	0. 008775	0. 006952
0. 021625	0. 015143	0. 01131	0. 00874	0. 006898
0. 021561	0. 015011	0. 011267	0. 008688	0. 00688
0. 021392	0. 014971	0. 011158	0. 008677	0. 006863
0. 021235	0. 014906	0. 011144	0. 00864	0. 006858
0. 021094	0. 014802	0. 011118	0. 008599	0. 006782
0. 021013	0. 014746	0. 01111	0. 00859	0. 006781
0. 020832	0. 014713	0. 011014	0. 00858	0. 006767
0. 020747	0. 014607	0. 01096	0. 008517	0. 006737
0. 020562	0. 014579	0. 010913	0. 008481	0. 006703
0. 020561	0. 014466	0. 010877	0. 008444	0. 006685
0. 020305	0. 014435	0. 010836	0. 00844	0. 006672
0. 020173	0. 014319	0. 010833	0. 008353	0. 006647
0. 020081	0. 014208	0. 010704	0. 008341	0. 006623
0. 019963	0. 014094	0. 010684	0. 008326	0. 006597
0. 019674	0. 014074	0. 010655	0. 008285	0. 006564
0. 01965	0. 014002	0. 010576	0. 008235	0. 006564
0. 019432	0. 013979	0. 010505	0. 008228	0. 006523
0. 019383	0. 013872	0. 010495	0. 008167	0. 006514
0. 019365	0. 013836	0. 010472	0. 008157	0. 006479
0. 019158	0. 013796	0. 010463	0. 008103	0. 006448
0. 019126	0. 013732	0. 010384	0. 008086	0. 006411
0. 018979	0. 013633	0. 010382	0. 008059	0. 006396
0. 018836	0. 013624	0. 010288	0. 008059	0. 006391
0. 018762	0. 013516	0. 010246	0. 007997	0. 006356
0. 018633	0. 013433	0. 010178	0. 00799	0. 00633
0. 018606	0. 013401	0. 010177	0. 007941	0. 006311
0. 018446	0. 013347	0. 010078	0. 007929	0. 0063
0. 018376	0. 013266	0. 010063	0. 007872	0. 00629
0. 01817	0. 013217	0. 010056	0. 007859	0. 006248
0. 018077	0. 013143	0. 009991	0. 007839	0. 006245
0. 017966	0. 013139	0. 009928	0. 007789	0. 00619
0. 017923	0. 013041	0. 009912	0. 007752	0. 006178
0. 017801	0. 012964	0. 009848	0. 007748	0. 006169
0. 017762	0. 012881	0. 009842	0. 007717	0. 006157

0. 006093	0. 004907	0. 003933	0. 003171	0. 002507
0. 006089	0. 004883	0. 003926	0. 003146	0. 0025
0. 006061	0. 004878	0. 003909	0. 003141	0. 00248
0. 006044	0. 004863	0. 003908	0. 003123	0. 002475
0. 006004	0. 004857	0. 003887	0. 003108	0. 002464
0. 006003	0. 004819	0. 003877	0. 003096	0. 002458
0. 005989	0. 004803	0. 003855	0. 003089	0. 002442
0. 005961	0. 004778	0. 003846	0. 003082	0. 002434
0. 005929	0. 004767	0. 003834	0. 003076	0. 002428
0. 005916	0. 004764	0. 003823	0. 003053	0. 002423
0. 005915	0. 004747	0. 003802	0. 003053	0. 002413
0. 005906	0. 004715	0. 00379	0. 003038	0. 00241
0. 005848	0. 004713	0. 003779	0. 00302	0. 002389
0. 005841	0. 004683	0. 003777	0. 003015	0. 002387
0. 005832	0. 004678	0. 003753	0. 003011	0. 002362
0. 00582	0. 00466	0. 003739	0. 002993	0. 002361
0. 005789	0. 004635	0. 00373	0. 002981	0. 002355
0. 005771	0. 004623	0. 003714	0. 002974	0. 002347
0. 005727	0. 004618	0. 003703	0. 002969	0. 002338
0. 005712	0. 004588	0. 003696	0. 002944	0. 002334
0. 005701	0. 004581	0. 003684	0. 002941	0. 002318
0. 005686	0. 00456	0. 003676	0. 002927	0. 002316
0. 00565	0. 004549	0. 003636	0. 002924	0. 002293
0. 005645	0. 004531	0. 003635	0. 002908	0. 002287
0. 005628	0. 004528	0. 003619	0. 002896	0. 002279
0. 005621	0. 004487	0. 003614	0. 002885	0. 002276
0. 005586	0. 004483	0. 003608	0. 00287	0. 002256
0. 005565	0. 004474	0. 003598	0. 002858	0. 002253
0. 005519	0. 00447	0. 00358	0. 002855	0. 002248
0. 005519	0. 004441	0. 003578	0. 002839	0. 00224
0. 0055	0. 004417	0. 003543	0. 002835	0. 00223
0. 005478	0. 004411	0. 003534	0. 002827	0. 002226
0. 005461	0. 004388	0. 003528	0. 002807	0. 002203
0. 005445	0. 004376	0. 003512	0. 002806	0. 0022
0. 005419	0. 004368	0. 003499	0. 002802	0. 002191
0. 005406	0. 004355	0. 003492	0. 002781	0. 002187
0. 005384	0. 004355	0. 003463	0. 002776	0. 002172
0. 005375	0. 00432	0. 003459	0. 002758	0. 002168
0. 00534	0. 004307	0. 003451	0. 002756	0. 002159
0. 005335	0. 00429	0. 003438	0. 002736	0. 002154
0. 005324	0. 004277	0. 003415	0. 002732	0. 002137
0. 005299	0. 004253	0. 003413	0. 002706	0. 002128
0. 005277	0. 004246	0. 003404	0. 002705	0. 002113
0. 005263	0. 004235	0. 003403	0. 002701	0. 002111
0. 005241	0. 004209	0. 003385	0. 002692	0. 002106
0. 005222	0. 004204	0. 003375	0. 00267	0. 002094
0. 005199	0. 004178	0. 003354	0. 002667	0. 002087
0. 005188	0. 004157	0. 003346	0. 002659	0. 002085
0. 005178	0. 004157	0. 003331	0. 002645	0. 002074
0. 005158	0. 004145	0. 003327	0. 002644	0. 002064
0. 00512	0. 00413	0. 00331	0. 002632	0. 002046
0. 005111	0. 004112	0. 0033	0. 002616	0. 002045
0. 005101	0. 004111	0. 00327	0. 002608	0. 002039
0. 005091	0. 004087	0. 00327	0. 002601	0. 002038
0. 00506	0. 004066	0. 003267	0. 002593	0. 002016
0. 005059	0. 004056	0. 003247	0. 002577	0. 002013
0. 005028	0. 004036	0. 003235	0. 00257	0. 002005
0. 005023	0. 004019	0. 003225	0. 002565	0. 002
0. 004989	0. 004013	0. 00322	0. 002554	0. 001986
0. 004983	0. 004002	0. 003205	0. 002545	0. 001985
0. 004948	0. 003984	0. 003188	0. 002531	0. 001974
0. 004943	0. 003967	0. 00318	0. 002516	0. 001966
0. 004928	0. 003956	0. 003174	0. 002515	0. 001958

0. 001949	0. 001471	0. 001041	0. 000655	0. 000244
0. 001942	0. 00147	0. 001036	0. 000647	0. 000233
0. 00193	0. 001456	0. 001036	0. 000641	0. 000223
0. 001924	0. 001447	0. 001023	0. 000639	0. 000214
0. 001912	0. 001438	0. 001018	0. 000623	0. 000205
0. 001898	0. 001435	0. 001012	0. 00062	0. 000197
0. 001897	0. 00142	0. 001012	0. 000618	0. 000194
0. 001894	0. 001416	0. 000995	0. 000614	0. 000183
0. 001887	0. 001408	0. 000992	0. 000602	0. 000173
0. 001869	0. 001403	0. 000985	0. 000598	0. 000151
0. 001867	0. 0014	0. 000982	0. 00059	0. 000148
0. 001861	0. 001394	0. 000971	0. 000583	0. 000137
0. 001854	0. 001379	0. 000968	0. 000581	0. 000122
0. 001847	0. 001378	0. 000958	0. 000572	0. 000107
0. 001845	0. 001364	0. 000956	0. 000569	9. 98E- 05
0. 001823	0. 001359	0. 00095	0. 000559	7. 78E- 05
0. 001823	0. 001352	0. 000942	0. 000555	2. 86E- 05
0. 001806	0. 001351	0. 000934	0. 000554	
0. 001802	0. 001341	0. 000933	0. 000546	
0. 00179	0. 001333	0. 000925	0. 000542	GRAPEFRUIT -
0. 001786	0. 001329	0. 000924	0. 00053	(orange- pdp)
0. 001782	0. 001321	0. 00091	0. 000524	TOTALZ=13099
0. 001772	0. 001317	0. 000903	0. 000518	TOTALLOD=1495
0. 001765	0. 001312	0. 000892	0. 000516	LODRES=. 0021
0. 001756	0. 001301	0. 000892	0. 000508	0. 003278
0. 001753	0. 001297	0. 000882	0. 000503	0. 003162
0. 001748	0. 001285	0. 00088	0. 000493	0. 003503
0. 001736	0. 001284	0. 000871	0. 00049	0. 032604
0. 001736	0. 001274	0. 00087	0. 000483	0. 001866
0. 001715	0. 00127	0. 00086	0. 000474	0. 001709
0. 001711	0. 001261	0. 000857	0. 000466	0. 007153
0. 001707	0. 001256	0. 000852	0. 00046	0. 000443
0. 001706	0. 001241	0. 000844	0. 000454	0. 001482
0. 001686	0. 001239	0. 000834	0. 000447	0. 016167
0. 00168	0. 001234	0. 00083	0. 000444	0. 006955
0. 001672	0. 001228	0. 000825	0. 000442	0. 004811
0. 001669	0. 00122	0. 000821	0. 000429	0. 002841
0. 001657	0. 00122	0. 000813	0. 000427	0. 001047
0. 001653	0. 001204	0. 000812	0. 000415	0. 010260
0. 001645	0. 001199	0. 000802	0. 000411	0. 015977
0. 001638	0. 00119	0. 000802	0. 000406	0. 009737
0. 001622	0. 001188	0. 000782	0. 000399	0. 002311
0. 001622	0. 001182	0. 000778	0. 000391	0. 015728
0. 001616	0. 001171	0. 000776	0. 000391	0. 003700
0. 001605	0. 001162	0. 000772	0. 00038	0. 002714
0. 001596	0. 001161	0. 000765	0. 000379	0. 000063
0. 001588	0. 001155	0. 000764	0. 000361	0. 034643
0. 001576	0. 001154	0. 000751	0. 000361	0. 008163
0. 001575	0. 00114	0. 000745	0. 00035	0. 001610
0. 001567	0. 001133	0. 000734	0. 000349	0. 003140
0. 001563	0. 001124	0. 00073	0. 00034	0. 017682
0. 001557	0. 001118	0. 000726	0. 000337	0. 005488
0. 00155	0. 001117	0. 000719	0. 000318	0. 000094
0. 001543	0. 001106	0. 000713	0. 000317	0. 000460
0. 001532	0. 001102	0. 00071	0. 000308	0. 000214
0. 00152	0. 001096	0. 000701	0. 0003	0. 001813
0. 001516	0. 001088	0. 000694	0. 000296	0. 004316
0. 001511	0. 001083	0. 00069	0. 00029	0. 000391
0. 00151	0. 001076	0. 00069	0. 000279	0. 003456
0. 001493	0. 00107	0. 000673	0. 000278	0. 003574
0. 001489	0. 001063	0. 000669	0. 000262	0. 013732
0. 001481	0. 001059	0. 000666	0. 000256	0. 006364
0. 001476	0. 001052	0. 000663	0. 000252	0. 006877

0. 004950	0. 000882	0. 000720	0. 013495	0. 001687
0. 008246	0. 008924	0. 004532	0. 004740	0. 002181
0. 001843	0. 011309	0. 000434	0. 013283	0. 002208
0. 001283	0. 009496	0. 014278	0. 000810	0. 002111
0. 019799	0. 008528	0. 003230	0. 000308	0. 003262
0. 001994	0. 003204	0. 002640	0. 002266	0. 006477
0. 001394	0. 003528	0. 009255	0. 002796	0. 006006
0. 001532	0. 002539	0. 029266	0. 009583	0. 001353
0. 000575	0. 012261	0. 000672	0. 006910	0. 022874
0. 003322	0. 001585	0. 005555	0. 002374	0. 003877
0. 006593	0. 010861	0. 002195	0. 001769	0. 001669
0. 003430	0. 005735	0. 001833	0. 001917	0. 021200
0. 000806	0. 004143	0. 055013	0. 000076	0. 003382
0. 001449	0. 016531	0. 007227	0. 006681	0. 000800
0. 003798	0. 000377	0. 001169	0. 001648	0. 000221
0. 000621	0. 013003	0. 005050	0. 000388	0. 001557
0. 007667	0. 000570	0. 006528	0. 027170	0. 000155
0. 000314	0. 014024	0. 000471	0. 004018	0. 001249
0. 000483	0. 018716	0. 001718	0. 008308	0. 021876
0. 000844	0. 000834	0. 001057	0. 015574	0. 000707
0. 000591	0. 000635	0. 004660	0. 004451	0. 001133
0. 002998	0. 004904	0. 005651	0. 002977	0. 002096
0. 000630	0. 003586	0. 002049	0. 000253	0. 000926
0. 002127	0. 017243	0. 001408	0. 001330	0. 005840
0. 007893	0. 005275	0. 009336	0. 007266	0. 000607
0. 001040	0. 002327	0. 000524	0. 000998	0. 000758
0. 001792	0. 000294	0. 007071	0. 002744	0. 006025
0. 010554	0. 005540	0. 042175	0. 001206	0. 000018
0. 008828	0. 002727	0. 001540	0. 062820	0. 000353
0. 000659	0. 000645	0. 002156	0. 003654	0. 002830
0. 005317	0. 039564	0. 001030	0. 002298	0. 007448
0. 073138	0. 002693	0. 011135	0. 001550	0. 003711
0. 000132	0. 000740	0. 002781	0. 037244	0. 001013
0. 012197	0. 020895	0. 012826	0. 004228	0. 000489
0. 018177	0. 001429	0. 003429	0. 002481	0. 000232
0. 004994	0. 018443	0. 000195	0. 002029	0. 000318
0. 000345	0. 026177	0. 006311	0. 003817	0. 000973
0. 010762	0. 006254	0. 010027	0. 001143	0. 002057
0. 014082	0. 004069	0. 002902	0. 007973	0. 002248
0. 006109	0. 004645	0. 001124	0. 010987	0. 010198
0. 001263	0. 003732	0. 017417	0. 005169	0. 023098
0. 001390	0. 000691	0. 000836	0. 001245	0. 002673
0. 002552	0. 001273	0. 025657	0. 003066	0. 001081
0. 000530	0. 004046	0. 031567	0. 001935	0. 001904
0. 003860	0. 006754	0. 007016	0. 001889	0. 028165
0. 003193	0. 002960	0. 000429	0. 009897	0. 016786
0. 006770	0. 174145	0. 000597	0. 001159	0. 001062
0. 000694	0. 007547	0. 000499	0. 002456	0. 000508
0. 002495	0. 001103	0. 001633	0. 001175	0. 000774
0. 019241	0. 002427	0. 004174	0. 000750	0. 002014
0. 003348	0. 001095	0. 022168	0. 003079	0. 005339
0. 002284	0. 000206	0. 005392	0. 001368	0. 001622
0. 000930	0. 000280	0. 000610	0. 002651	0. 000161
0. 000855	0. 001774	0. 004264	0. 000944	0. 000648
0. 001897	0. 000404	0. 014533	0. 003619	0. 007619
0. 001678	0. 035519	0. 115470	0. 006136	0. 005254
0. 000875	0. 004940	0. 008038	0. 000189	0. 000788
0. 000737	0. 002241	0. 000899	0. 001221	0. 002558
0. 001518	0. 000171	0. 010427	0. 000961	0. 008934
0. 001809	0. 000783	0. 002942	0. 003775	0. 005432
0. 005691	0. 000137	0. 004578	0. 001210	0. 004274
0. 008675	0. 001233	0. 001747	0. 003977	0. 000178
0. 001193	0. 000543	0. 001187	0. 006583	0. 019613

0. 003387	0. 012514	0. 014890	0. 003513	0. 037911
0. 002867	0. 000300	0. 002922	0. 001300	0. 011938
0. 002575	0. 007835	0. 003968	0. 000424	0. 002657
0. 001950	0. 002074	0. 002764	0. 002284	0. 000889
0. 011499	0. 005955	0. 000352	0. 000977	0. 008870
0. 003308	0. 001978	0. 000766	0. 001862	0. 011642
0. 006211	0. 000419	0. 002613	0. 000489	0. 002639
0. 000991	0. 001378	0. 001421	0. 018047	0. 002173
0. 003914	0. 015246	0. 002223	0. 000512	0. 000637
0. 008624	0. 000468	0. 024550	0. 000607	0. 009665
0. 010106	0. 001317	0. 001860	0. 000127	0. 002572
0. 000561	0. 003922	0. 004521	0. 000912	0. 007986
0. 004109	0. 088345	0. 045595	0. 000067	0. 001918
0. 008402	0. 000372	0. 007503	0. 002162	0. 008550
0. 000536	0. 002512	0. 005902	0. 000767	0. 005434
0. 000243	0. 001662	0. 006391	0. 001350	0. 001150
0. 001961	0. 001491	0. 000712	0. 001557	0. 002045
0. 007775	0. 000678	0. 004860	0. 001607	0. 000589
0. 000449	0. 005064	0. 000729	0. 002000	0. 001393
0. 001108	0. 000365	0. 000497	0. 000158	0. 002745
0. 000401	0. 004610	0. 040101	0. 012564	0. 001099
0. 000120	0. 001323	0. 003276	0. 000876	0. 026181
0. 000918	0. 000239	0. 006369	0. 014722	0. 003665
0. 000964	0. 002347	0. 004131	0. 006453	0. 000430
0. 000583	0. 000107	0. 005000	0. 000483	0. 000964
0. 002118	0. 000271	0. 004024	0. 004645	0. 000806
0. 002419	0. 001118	0. 000547	0. 003472	0. 001327
0. 000937	0. 004331	0. 004409	0. 002151	0. 001966
0. 001292	0. 000517	0. 024996	0. 002318	0. 004245
0. 001728	0. 002166	0. 003376	0. 004571	0. 003965
0. 001346	0. 010682	0. 008228	0. 030584	0. 003058
0. 005784	0. 000902	0. 005606	0. 000336	0. 007358
0. 002608	0. 005129	0. 001124	0. 002026	0. 003437
0. 011792	0. 060309	0. 000669	0. 003093	0. 004379
0. 001302	0. 003021	0. 118992	0. 000651	0. 013634
0. 000984	0. 002357	0. 001650	0. 000777	0. 009473
0. 002001	0. 002400	0. 062522	0. 001505	0. 005240
0. 000886	0. 004706	0. 003988	0. 002128	0. 000260
0. 000668	0. 007334	0. 009569	0. 002606	0. 001385
0. 004189	0. 030514	0. 002254	0. 000113	0. 000208
0. 004469	0. 000329	0. 012265	0. 001059	0. 001527
0. 001069	0. 002453	0. 000879	0. 000621	0. 053181
0. 003127	0. 001592	0. 001590	0. 001770	0. 000795
0. 001570	0. 015112	0. 004862	0. 000831	0. 000662
0. 003102	0. 011892	0. 002966	0. 004450	0. 060757
0. 004404	0. 009065	0. 000284	0. 000269	0. 000150
0. 020224	0. 003648	0. 000184	0. 002439	0. 000624
0. 009122	0. 000337	0. 003299	0. 013259	0. 006996
0. 033620	0. 012642	0. 004093	0. 000690	0. 000949
0. 052169	0. 001435	0. 000272	0. 000362	0. 001071
0. 012103	0. 023623	0. 002369	0. 002971	0. 032061
0. 004368	0. 013200	0. 004069	0. 003314	0. 004539
0. 003480	0. 002878	0. 001276	0. 016130	0. 005654
0. 001018	0. 001459	0. 021026	0. 002344	0. 001702
0. 000555	0. 004773	0. 005700	0. 003266	0. 001258
0. 001758	0. 003046	0. 001016	0. 000122	0. 000734
0. 000417	0. 005603	0. 022100	0. 046152	0. 002899
0. 005205	0. 008491	0. 010466	0. 000536	0. 002477
0. 000261	0. 045703	0. 002094	0. 000613	0. 003617
0. 000862	0. 000277	0. 002386	0. 015749	0. 001500
0. 009640	0. 025146	0. 006384	0. 005030	0. 000515
0. 001474	0. 001511	0. 003015	0. 027325	0. 009708
0. 011641	0. 000821	0. 009103	0. 001462	0. 024583

0. 001696	0. 006125	0. 000581	0. 000729	0. 010312
0. 007230	0. 023266	0. 000214	0. 002069	0. 016554
0. 004304	0. 004670	0. 007650	0. 017565	0. 002805
0. 052101	0. 001139	0. 002337	0. 003921	0. 017255
0. 003204	0. 019348	0. 003770	0. 004220	0. 004745
0. 013870	0. 005127	0. 002426	0. 001037	0. 008654
0. 004033	0. 004973	0. 001680	0. 000523	0. 001720
0. 001621	0. 002724	0. 006636	0. 004289	0. 000717
0. 001207	0. 000899	0. 009290	0. 000813	0. 003750
0. 016761	0. 000221	0. 008324	0. 005840	0. 011149
0. 001315	0. 000786	0. 000387	0. 001572	0. 020467
0. 000461	0. 001915	0. 028171	0. 001175	0. 013320
0. 001566	0. 007779	0. 019811	0. 005079	0. 001892
0. 013036	0. 006671	0. 030211	0. 003831	0. 014554
0. 003171	0. 001432	0. 002106	0. 000331	0. 000402
0. 003122	0. 009013	0. 002021	0. 000502	0. 000993
0. 001239	0. 000682	0. 044305	0. 000298	0. 005471
0. 042113	0. 001234	0. 002589	0. 008101	0. 003181
0. 002855	0. 005509	0. 000396	0. 000322	0. 002294
0. 003567	0. 000574	0. 001281	0. 002520	0. 001730
0. 003035	0. 003480	0. 005335	0. 001744	0. 002615
0. 001784	0. 004701	0. 002066	0. 006001	0. 093766
0. 000248	0. 079800	0. 000375	0. 007039	0. 002774
0. 000469	0. 001295	0. 000438	0. 002876	0. 000288
0. 000982	0. 013659	0. 010976	0. 001081	0. 004169
0. 000417	0. 001184	0. 003867	0. 003530	0. 005879
0. 002503	0. 000753	0. 003392	0. 010569	0. 002924
0. 011426	0. 001994	0. 011745	0. 002539	0. 022438
0. 011014	0. 014319	0. 000904	0. 003242	0. 014129
0. 003798	0. 010085	0. 003010	0. 000700	0. 000171
0. 001409	0. 001332	0. 003896	0. 005402	0. 005284
0. 006209	0. 023750	0. 012789	0. 015376	0. 001122
0. 016062	0. 006537	0. 000465	0. 002187	0. 001001
0. 000867	0. 000092	0. 001380	0. 006280	0. 018715
0. 007574	0. 000251	0. 021896	0. 000306	0. 000144
0. 000529	0. 001107	0. 000937	0. 000656	0. 000232
0. 001635	0. 006496	0. 012016	0. 004472	0. 004331
0. 008433	0. 002115	0. 004198	0. 018482	0. 001367
0. 000494	0. 004945	0. 028901	0. 001482	0. 011375
0. 003099	0. 000347	0. 002775	0. 007913	0. 001667
0. 007714	0. 008383	0. 000085	0. 000049	0. 002690
0. 017574	0. 001094	0. 001824	0. 001453	0. 007067
0. 000822	0. 005775	0. 009136	0. 007871	0. 000374
0. 000695	0. 000441	0. 007405	0. 005359	0. 001846
0. 007125	0. 009917	0. 001593	0. 006065	0. 034728
0. 001440	0. 000641	0. 000313	0. 012232	0. 025772
0. 001164	0. 000595	0. 001952	0. 005163	0. 014967
0. 001210	0. 003642	0. 000555	0. 006019	0. 000710
0. 012665	0. 002700	0. 002272	0. 003680	0. 000839
0. 004804	0. 006747	0. 001870	0. 006874	0. 001248
0. 006763	0. 001514	0. 002669	0. 001013	0. 001344
0. 003845	0. 000846	0. 000339	0. 000856	0. 010642
0. 008758	0. 000357	0. 001806	0. 000182	0. 000954
0. 001880	0. 000922	0. 000566	0. 005576	0. 002547
0. 001817	0. 001154	0. 007311	0. 003147	0. 004492
0. 001751	0. 000407	0. 002210	0. 002411	0. 001030
0. 015300	0. 002235	0. 005772	0. 000741	0. 001477
0. 000932	0. 007505	0. 005213	0. 000453	0. 001051
0. 002839	0. 000560	0. 002942	0. 008026	0. 000760
0. 002826	0. 000239	0. 010844	0. 006234	0. 002216
0. 195344	0. 003579	0. 009314	0. 002471	0. 003358
0. 032892	0. 001191	0. 001227	0. 006890	0. 002401
0. 000793	0. 005956	0. 000194	0. 010007	0. 001042

0. 001536	0. 008246	0. 008924	0. 004532	0. 004740
0. 020664	0. 001843	0. 011309	0. 000434	0. 013283
0. 001651	0. 001283	0. 009496	0. 014278	0. 000810
0. 003703	0. 019799	0. 008528	0. 003230	0. 000308
0. 004884	0. 001994	0. 003204	0. 002640	0. 002266
0. 004796	0. 001394	0. 003528	0. 009255	0. 002796
0. 001984	0. 001532	0. 002539	0. 029266	0. 009583
0. 003424	0. 000575	0. 012261	0. 000672	0. 006910
0. 001793	0. 003322	0. 001585	0. 005555	0. 002374
0. 035536	0. 006593	0. 010861	0. 002195	0. 001769
0. 004606	0. 003430	0. 005735	0. 001833	0. 001917
0. 008691	0. 000806	0. 004143	0. 055013	0. 000076
0. 001940	0. 001449	0. 016531	0. 007227	0. 006681
0. 001423	0. 003798	0. 000377	0. 001169	0. 001648
0. 018958	0. 000621	0. 013003	0. 005050	0. 000388
0. 010175	0. 007667	0. 000570	0. 006528	0. 027170
	0. 000314	0. 014024	0. 000471	0. 004018
	0. 000483	0. 018716	0. 001718	0. 008308
LEMON -	0. 000844	0. 000834	0. 001057	0. 015574
(orange-pdp)	0. 000591	0. 000635	0. 004660	0. 004451
TOTALZ=3307	0. 002998	0. 004904	0. 005651	0. 002977
TOTALLOD=1495	0. 000630	0. 003586	0. 002049	0. 000253
LODRES=. 0021	0. 002127	0. 017243	0. 001408	0. 001330
0. 003278	0. 007893	0. 005275	0. 009336	0. 007266
0. 003162	0. 001040	0. 002327	0. 000524	0. 000998
0. 003503	0. 001792	0. 000294	0. 007071	0. 002744
0. 032604	0. 010554	0. 005540	0. 042175	0. 001206
0. 001866	0. 008828	0. 002727	0. 001540	0. 062820
0. 001709	0. 000659	0. 000645	0. 002156	0. 003654
0. 007153	0. 005317	0. 039564	0. 001030	0. 002298
0. 000443	0. 073138	0. 002693	0. 011135	0. 001550
0. 001482	0. 000132	0. 000740	0. 002781	0. 037244
0. 016167	0. 012197	0. 020895	0. 012826	0. 004228
0. 006955	0. 018177	0. 001429	0. 003429	0. 002481
0. 004811	0. 004994	0. 018443	0. 000195	0. 002029
0. 002841	0. 000345	0. 026177	0. 006311	0. 003817
0. 001047	0. 010762	0. 006254	0. 010027	0. 001143
0. 010260	0. 014082	0. 004069	0. 002902	0. 007973
0. 015977	0. 006109	0. 004645	0. 001124	0. 010987
0. 009737	0. 001263	0. 003732	0. 017417	0. 005169
0. 002311	0. 001390	0. 000691	0. 000836	0. 001245
0. 015728	0. 002552	0. 001273	0. 025657	0. 003066
0. 003700	0. 000530	0. 004046	0. 031567	0. 001935
0. 002714	0. 003860	0. 006754	0. 007016	0. 001889
0. 000063	0. 003193	0. 002960	0. 000429	0. 009897
0. 034643	0. 006770	0. 174145	0. 000597	0. 001159
0. 008163	0. 000694	0. 007547	0. 000499	0. 002456
0. 001610	0. 002495	0. 001103	0. 001633	0. 001175
0. 003140	0. 019241	0. 002427	0. 004174	0. 000750
0. 017682	0. 003348	0. 001095	0. 022168	0. 003079
0. 005488	0. 002284	0. 000206	0. 005392	0. 001368
0. 000094	0. 000930	0. 000280	0. 000610	0. 002651
0. 000460	0. 000855	0. 001774	0. 004264	0. 000944
0. 000214	0. 001897	0. 000404	0. 014533	0. 003619
0. 001813	0. 001678	0. 035519	0. 115470	0. 006136
0. 004316	0. 000875	0. 004940	0. 008038	0. 000189
0. 000391	0. 000737	0. 002241	0. 000899	0. 001221
0. 003456	0. 001518	0. 000171	0. 010427	0. 000961
0. 003574	0. 001809	0. 000783	0. 002942	0. 003775
0. 013732	0. 005691	0. 000137	0. 004578	0. 001210
0. 006364	0. 008675	0. 001233	0. 001747	0. 003977
0. 006877	0. 001193	0. 000543	0. 001187	0. 006583
0. 004950	0. 000882	0. 000720	0. 013495	0. 001687

0. 002181	0. 002867	0. 000300	0. 002922	0. 001300
0. 002208	0. 002575	0. 007835	0. 003968	0. 000424
0. 002111	0. 001950	0. 002074	0. 002764	0. 002284
0. 003262	0. 011499	0. 005955	0. 000352	0. 000977
0. 006477	0. 003308	0. 001978	0. 000766	0. 001862
0. 006006	0. 006211	0. 000419	0. 002613	0. 000489
0. 001353	0. 000991	0. 001378	0. 001421	0. 018047
0. 022874	0. 003914	0. 015246	0. 002223	0. 000512
0. 003877	0. 008624	0. 000468	0. 024550	0. 000607
0. 001669	0. 010106	0. 001317	0. 001860	0. 000127
0. 021200	0. 000561	0. 003922	0. 004521	0. 000912
0. 003382	0. 004109	0. 088345	0. 045595	0. 000067
0. 000800	0. 008402	0. 000372	0. 007503	0. 002162
0. 000221	0. 000536	0. 002512	0. 005902	0. 000767
0. 001557	0. 000243	0. 001662	0. 006391	0. 001350
0. 000155	0. 001961	0. 001491	0. 000712	0. 001557
0. 001249	0. 007775	0. 000678	0. 004860	0. 001607
0. 021876	0. 000449	0. 005064	0. 000729	0. 002000
0. 000707	0. 001108	0. 000365	0. 000497	0. 000158
0. 001133	0. 000401	0. 004610	0. 040101	0. 012564
0. 002096	0. 000120	0. 001323	0. 003276	0. 000876
0. 000926	0. 000918	0. 000239	0. 006369	0. 014722
0. 005840	0. 000964	0. 002347	0. 004131	0. 006453
0. 000607	0. 000583	0. 000107	0. 005000	0. 000483
0. 000758	0. 002118	0. 000271	0. 004024	0. 004645
0. 006025	0. 002419	0. 001118	0. 000547	0. 003472
0. 000018	0. 000937	0. 004331	0. 004409	0. 002151
0. 000353	0. 001292	0. 000517	0. 024996	0. 002318
0. 002830	0. 001728	0. 002166	0. 003376	0. 004571
0. 007448	0. 001346	0. 010682	0. 008228	0. 030584
0. 003711	0. 005784	0. 000902	0. 005606	0. 000336
0. 001013	0. 002608	0. 005129	0. 001124	0. 002026
0. 000489	0. 011792	0. 060309	0. 000669	0. 003093
0. 000232	0. 001302	0. 003021	0. 118992	0. 000651
0. 000318	0. 000984	0. 002357	0. 001650	0. 000777
0. 000973	0. 002001	0. 002400	0. 062522	0. 001505
0. 002057	0. 000886	0. 004706	0. 003988	0. 002128
0. 002248	0. 000668	0. 007334	0. 009569	0. 002606
0. 010198	0. 004189	0. 030514	0. 002254	0. 000113
0. 023098	0. 004469	0. 000329	0. 012265	0. 001059
0. 002673	0. 001069	0. 002453	0. 000879	0. 000621
0. 001081	0. 003127	0. 001592	0. 001590	0. 001770
0. 001904	0. 001570	0. 015112	0. 004862	0. 000831
0. 028165	0. 003102	0. 011892	0. 002966	0. 004450
0. 016786	0. 004404	0. 009065	0. 000284	0. 000269
0. 001062	0. 020224	0. 003648	0. 000184	0. 002439
0. 000508	0. 009122	0. 000337	0. 003299	0. 013259
0. 000774	0. 033620	0. 012642	0. 004093	0. 000690
0. 002014	0. 052169	0. 001435	0. 000272	0. 000362
0. 005339	0. 012103	0. 023623	0. 002369	0. 002971
0. 001622	0. 004368	0. 013200	0. 004069	0. 003314
0. 000161	0. 003480	0. 002878	0. 001276	0. 016130
0. 000648	0. 001018	0. 001459	0. 021026	0. 002344
0. 007619	0. 000555	0. 004773	0. 005700	0. 003266
0. 005254	0. 001758	0. 003046	0. 001016	0. 000122
0. 000788	0. 000417	0. 005603	0. 022100	0. 046152
0. 002558	0. 005205	0. 008491	0. 010466	0. 000536
0. 008934	0. 000261	0. 045703	0. 002094	0. 000613
0. 005432	0. 000862	0. 000277	0. 002386	0. 015749
0. 004274	0. 009640	0. 025146	0. 006384	0. 005030
0. 000178	0. 001474	0. 001511	0. 003015	0. 027325
0. 019613	0. 011641	0. 000821	0. 009103	0. 001462
0. 003387	0. 012514	0. 014890	0. 003513	0. 037911

0. 011938	0. 007230	0. 023266	0. 000214	0. 002069
0. 002657	0. 004304	0. 004670	0. 007650	0. 017565
0. 000889	0. 052101	0. 001139	0. 002337	0. 003921
0. 008870	0. 003204	0. 019348	0. 003770	0. 004220
0. 011642	0. 013870	0. 005127	0. 002426	0. 001037
0. 002639	0. 004033	0. 004973	0. 001680	0. 000523
0. 002173	0. 001621	0. 002724	0. 006636	0. 004289
0. 000637	0. 001207	0. 000899	0. 009290	0. 000813
0. 009665	0. 016761	0. 000221	0. 008324	0. 005840
0. 002572	0. 001315	0. 000786	0. 000387	0. 001572
0. 007986	0. 000461	0. 001915	0. 028171	0. 001175
0. 001918	0. 001566	0. 007779	0. 019811	0. 005079
0. 008550	0. 013036	0. 006671	0. 030211	0. 003831
0. 005434	0. 003171	0. 001432	0. 002106	0. 000331
0. 001150	0. 003122	0. 009013	0. 002021	0. 000502
0. 002045	0. 001239	0. 000682	0. 044305	0. 000298
0. 000589	0. 042113	0. 001234	0. 002589	0. 008101
0. 001393	0. 002855	0. 005509	0. 000396	0. 000322
0. 002745	0. 003567	0. 000574	0. 001281	0. 002520
0. 001099	0. 003035	0. 003480	0. 005335	0. 001744
0. 026181	0. 001784	0. 004701	0. 002066	0. 006001
0. 003665	0. 000248	0. 079800	0. 000375	0. 007039
0. 000430	0. 000469	0. 001295	0. 000438	0. 002876
0. 000964	0. 000982	0. 013659	0. 010976	0. 001081
0. 000806	0. 000417	0. 001184	0. 003867	0. 003530
0. 001327	0. 002503	0. 000753	0. 003392	0. 010569
0. 001966	0. 011426	0. 001994	0. 011745	0. 002539
0. 004245	0. 011014	0. 014319	0. 000904	0. 003242
0. 003965	0. 003798	0. 010085	0. 003010	0. 000700
0. 003058	0. 001409	0. 001332	0. 003896	0. 005402
0. 007358	0. 006209	0. 023750	0. 012789	0. 015376
0. 003437	0. 016062	0. 006537	0. 000465	0. 002187
0. 004379	0. 000867	0. 000092	0. 001380	0. 006280
0. 013634	0. 007574	0. 000251	0. 021896	0. 000306
0. 009473	0. 000529	0. 001107	0. 000937	0. 000656
0. 005240	0. 001635	0. 006496	0. 012016	0. 004472
0. 000260	0. 008433	0. 002115	0. 004198	0. 018482
0. 001385	0. 000494	0. 004945	0. 028901	0. 001482
0. 000208	0. 003099	0. 000347	0. 002775	0. 007913
0. 001527	0. 007714	0. 008383	0. 000085	0. 000049
0. 053181	0. 017574	0. 001094	0. 001824	0. 001453
0. 000795	0. 000822	0. 005775	0. 009136	0. 007871
0. 000662	0. 000695	0. 000441	0. 007405	0. 005359
0. 060757	0. 007125	0. 009917	0. 001593	0. 006065
0. 000150	0. 001440	0. 000641	0. 000313	0. 012232
0. 000624	0. 001164	0. 000595	0. 001952	0. 005163
0. 006996	0. 001210	0. 003642	0. 000555	0. 006019
0. 000949	0. 012665	0. 002700	0. 002272	0. 003680
0. 001071	0. 004804	0. 006747	0. 001870	0. 006874
0. 032061	0. 006763	0. 001514	0. 002669	0. 001013
0. 004539	0. 003845	0. 000846	0. 000339	0. 000856
0. 005654	0. 008758	0. 000357	0. 001806	0. 000182
0. 001702	0. 001880	0. 000922	0. 000566	0. 005576
0. 001258	0. 001817	0. 001154	0. 007311	0. 003147
0. 000734	0. 001751	0. 000407	0. 002210	0. 002411
0. 002899	0. 015300	0. 002235	0. 005772	0. 000741
0. 002477	0. 000932	0. 007505	0. 005213	0. 000453
0. 003617	0. 002839	0. 000560	0. 002942	0. 008026
0. 001500	0. 002826	0. 000239	0. 010844	0. 006234
0. 000515	0. 195344	0. 003579	0. 009314	0. 002471
0. 009708	0. 032892	0. 001191	0. 001227	0. 006890
0. 024583	0. 000793	0. 005956	0. 000194	0. 010007
0. 001696	0. 006125	0. 000581	0. 000729	0. 010312

0. 016554	0. 020664	0. 001283	0. 009496	0. 014278
0. 002805	0. 001651	0. 019799	0. 008528	0. 003230
0. 017255	0. 003703	0. 001994	0. 003204	0. 002640
0. 004745	0. 004884	0. 001394	0. 003528	0. 009255
0. 008654	0. 004796	0. 001532	0. 002539	0. 029266
0. 001720	0. 001984	0. 000575	0. 012261	0. 000672
0. 000717	0. 003424	0. 003322	0. 001585	0. 005555
0. 003750	0. 001793	0. 006593	0. 010861	0. 002195
0. 011149	0. 035536	0. 003430	0. 005735	0. 001833
0. 020467	0. 004606	0. 000806	0. 004143	0. 055013
0. 013320	0. 008691	0. 001449	0. 016531	0. 007227
0. 001892	0. 001940	0. 003798	0. 000377	0. 001169
0. 014554	0. 001423	0. 000621	0. 013003	0. 005050
0. 000402	0. 018958	0. 007667	0. 000570	0. 006528
0. 000993	0. 010175	0. 000314	0. 014024	0. 000471
0. 005471		0. 000483	0. 018716	0. 001718
0. 003181		0. 000844	0. 000834	0. 001057
0. 002294	ORANGES- PDP	0. 000591	0. 000635	0. 004660
0. 001730	TOTALZ=6044	0. 002998	0. 004904	0. 005651
0. 002615	TOTALLOD=6095	0. 000630	0. 003586	0. 002049
0. 093766	LODRS=. 0021	0. 002127	0. 017243	0. 001408
0. 002774	0. 003278	0. 007893	0. 005275	0. 009336
0. 000288	0. 003162	0. 001040	0. 002327	0. 000524
0. 004169	0. 003503	0. 001792	0. 000294	0. 007071
0. 005879	0. 032604	0. 010554	0. 005540	0. 042175
0. 002924	0. 001866	0. 008828	0. 002727	0. 001540
0. 022438	0. 001709	0. 000659	0. 000645	0. 002156
0. 014129	0. 007153	0. 005317	0. 039564	0. 001030
0. 000171	0. 000443	0. 073138	0. 002693	0. 011135
0. 005284	0. 001482	0. 000132	0. 000740	0. 002781
0. 001122	0. 016167	0. 012197	0. 020895	0. 012826
0. 001001	0. 006955	0. 018177	0. 001429	0. 003429
0. 018715	0. 004811	0. 004994	0. 018443	0. 000195
0. 000144	0. 002841	0. 000345	0. 026177	0. 006311
0. 000232	0. 001047	0. 010762	0. 006254	0. 010027
0. 004331	0. 010260	0. 014082	0. 004069	0. 002902
0. 001367	0. 015977	0. 006109	0. 004645	0. 001124
0. 011375	0. 009737	0. 001263	0. 003732	0. 017417
0. 001667	0. 002311	0. 001390	0. 000691	0. 000836
0. 002690	0. 015728	0. 002552	0. 001273	0. 025657
0. 007067	0. 003700	0. 000530	0. 004046	0. 031567
0. 000374	0. 002714	0. 003860	0. 006754	0. 007016
0. 001846	0. 000063	0. 003193	0. 002960	0. 000429
0. 034728	0. 034643	0. 006770	0. 174145	0. 000597
0. 025772	0. 008163	0. 000694	0. 007547	0. 000499
0. 014967	0. 001610	0. 002495	0. 001103	0. 001633
0. 0000710	0. 003140	0. 019241	0. 002427	0. 004174
0. 000839	0. 017682	0. 003348	0. 001095	0. 022168
0. 001248	0. 005488	0. 002284	0. 000206	0. 005392
0. 001344	0. 000094	0. 000930	0. 000280	0. 000610
0. 010642	0. 000460	0. 000855	0. 001774	0. 004264
0. 000954	0. 000214	0. 001897	0. 000404	0. 014533
0. 002547	0. 001813	0. 001678	0. 035519	0. 115470
0. 004492	0. 004316	0. 000875	0. 004940	0. 008038
0. 001030	0. 000391	0. 000737	0. 002241	0. 000899
0. 001477	0. 003456	0. 001518	0. 000171	0. 010427
0. 001051	0. 003574	0. 001809	0. 000783	0. 002942
0. 000760	0. 013732	0. 005691	0. 000137	0. 004578
0. 002216	0. 006364	0. 008675	0. 001233	0. 001747
0. 003358	0. 006877	0. 001193	0. 000543	0. 001187
0. 002401	0. 004950	0. 000882	0. 000720	0. 013495
0. 001042	0. 008246	0. 008924	0. 004532	0. 004740
0. 001536	0. 001843	0. 011309	0. 000434	0. 013283

0. 000810	0. 002111	0. 001950	0. 002074	0. 002764
0. 000308	0. 003262	0. 011499	0. 005955	0. 000352
0. 002266	0. 006477	0. 003308	0. 001978	0. 000766
0. 002796	0. 006006	0. 006211	0. 000419	0. 002613
0. 009583	0. 001353	0. 000991	0. 001378	0. 001421
0. 006910	0. 022874	0. 003914	0. 015246	0. 002223
0. 002374	0. 003877	0. 008624	0. 000468	0. 024550
0. 001769	0. 001669	0. 010106	0. 001317	0. 001860
0. 001917	0. 021200	0. 000561	0. 003922	0. 004521
0. 000076	0. 003382	0. 004109	0. 088345	0. 045595
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0. 001648	0. 000221	0. 000536	0. 002512	0. 005902
0. 000388	0. 001557	0. 000243	0. 001662	0. 006391
0. 027170	0. 000155	0. 001961	0. 001491	0. 000712
0. 004018	0. 001249	0. 007775	0. 000678	0. 004860
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0. 015574	0. 000707	0. 001108	0. 000365	0. 000497
0. 004451	0. 001133	0. 000401	0. 004610	0. 040101
0. 002977	0. 002096	0. 000120	0. 001323	0. 003276
0. 000253	0. 000926	0. 000918	0. 000239	0. 006369
0. 001330	0. 005840	0. 000964	0. 002347	0. 004131
0. 007266	0. 000607	0. 000583	0. 000107	0. 005000
0. 000998	0. 000758	0. 002118	0. 000271	0. 004024
0. 002744	0. 006025	0. 002419	0. 001118	0. 000547
0. 001206	0. 000018	0. 000937	0. 004331	0. 004409
0. 062820	0. 000353	0. 001292	0. 000517	0. 024996
0. 003654	0. 002830	0. 001728	0. 002166	0. 003376
0. 002298	0. 007448	0. 001346	0. 010682	0. 008228
0. 001550	0. 003711	0. 005784	0. 000902	0. 005606
0. 037244	0. 001013	0. 002608	0. 005129	0. 001124
0. 004228	0. 000489	0. 011792	0. 060309	0. 000669
0. 002481	0. 000232	0. 001302	0. 003021	0. 118992
0. 002029	0. 000318	0. 000984	0. 002357	0. 001650
0. 003817	0. 000973	0. 002001	0. 002400	0. 062522
0. 001143	0. 002057	0. 000886	0. 004706	0. 003988
0. 007973	0. 002248	0. 000668	0. 007334	0. 009569
0. 010987	0. 010198	0. 004189	0. 030514	0. 002254
0. 005169	0. 023098	0. 004469	0. 000329	0. 012265
0. 001245	0. 002673	0. 001069	0. 002453	0. 000879
0. 003066	0. 001081	0. 003127	0. 001592	0. 001590
0. 001935	0. 001904	0. 001570	0. 015112	0. 004862
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0. 009897	0. 016786	0. 004404	0. 009065	0. 000284
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0. 001175	0. 000774	0. 033620	0. 012642	0. 004093
0. 000750	0. 002014	0. 052169	0. 001435	0. 000272
0. 003079	0. 005339	0. 012103	0. 023623	0. 002369
0. 001368	0. 001622	0. 004368	0. 013200	0. 004069
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0. 000944	0. 000648	0. 001018	0. 001459	0. 021026
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0. 006136	0. 005254	0. 001758	0. 003046	0. 001016
0. 000189	0. 000788	0. 000417	0. 005603	0. 022100
0. 001221	0. 002558	0. 005205	0. 008491	0. 010466
0. 000961	0. 008934	0. 000261	0. 045703	0. 002094
0. 003775	0. 005432	0. 000862	0. 000277	0. 002386
0. 001210	0. 004274	0. 009640	0. 025146	0. 006384
0. 003977	0. 000178	0. 001474	0. 001511	0. 003015
0. 006583	0. 019613	0. 011641	0. 000821	0. 009103
0. 001687	0. 003387	0. 012514	0. 014890	0. 003513
0. 002181	0. 002867	0. 000300	0. 002922	0. 001300
0. 002208	0. 002575	0. 007835	0. 003968	0. 000424

0. 002284	0. 000889	0. 052101	0. 001139	0. 002337
0. 000977	0. 008870	0. 003204	0. 019348	0. 003770
0. 001862	0. 011642	0. 013870	0. 005127	0. 002426
0. 000489	0. 002639	0. 004033	0. 004973	0. 001680
0. 018047	0. 002173	0. 001621	0. 002724	0. 006636
0. 000512	0. 000637	0. 001207	0. 000899	0. 009290
0. 000607	0. 009665	0. 016761	0. 000221	0. 008324
0. 000127	0. 002572	0. 001315	0. 000786	0. 000387
0. 000912	0. 007986	0. 000461	0. 001915	0. 028171
0. 000067	0. 001918	0. 001566	0. 007779	0. 019811
0. 002162	0. 008550	0. 013036	0. 006671	0. 030211
0. 000767	0. 005434	0. 003171	0. 001432	0. 002106
0. 001350	0. 001150	0. 003122	0. 009013	0. 002021
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0. 001607	0. 000589	0. 042113	0. 001234	0. 002589
0. 002000	0. 001393	0. 002855	0. 005509	0. 000396
0. 000158	0. 002745	0. 003567	0. 000574	0. 001281
0. 012564	0. 001099	0. 003035	0. 003480	0. 005335
0. 000876	0. 026181	0. 001784	0. 004701	0. 002066
0. 014722	0. 003665	0. 000248	0. 079800	0. 000375
0. 006453	0. 000430	0. 000469	0. 001295	0. 000438
0. 000483	0. 000964	0. 000982	0. 013659	0. 010976
0. 004645	0. 000806	0. 000417	0. 001184	0. 003867
0. 003472	0. 001327	0. 002503	0. 000753	0. 003392
0. 002151	0. 001966	0. 011426	0. 001994	0. 011745
0. 002318	0. 004245	0. 011014	0. 014319	0. 000904
0. 004571	0. 003965	0. 003798	0. 010085	0. 003010
0. 030584	0. 003058	0. 001409	0. 001332	0. 003896
0. 000336	0. 007358	0. 006209	0. 023750	0. 012789
0. 002026	0. 003437	0. 016062	0. 006537	0. 000465
0. 003093	0. 004379	0. 000867	0. 000092	0. 001380
0. 000651	0. 013634	0. 007574	0. 000251	0. 021896
0. 000777	0. 009473	0. 000529	0. 001107	0. 000937
0. 001505	0. 005240	0. 001635	0. 006496	0. 012016
0. 002128	0. 000260	0. 008433	0. 002115	0. 004198
0. 002606	0. 001385	0. 000494	0. 004945	0. 028901
0. 000113	0. 000208	0. 003099	0. 000347	0. 002775
0. 001059	0. 001527	0. 007714	0. 008383	0. 000085
0. 000621	0. 053181	0. 017574	0. 001094	0. 001824
0. 001770	0. 000795	0. 000822	0. 005775	0. 009136
0. 000831	0. 000662	0. 000695	0. 000441	0. 007405
0. 004450	0. 060757	0. 007125	0. 009917	0. 001593
0. 000269	0. 000150	0. 001440	0. 000641	0. 000313
0. 002439	0. 000624	0. 001164	0. 000595	0. 001952
0. 013259	0. 006996	0. 001210	0. 003642	0. 000555
0. 000690	0. 000949	0. 012665	0. 002700	0. 002272
0. 000362	0. 001071	0. 004804	0. 006747	0. 001870
0. 002971	0. 032061	0. 006763	0. 001514	0. 002669
0. 003314	0. 004539	0. 003845	0. 000846	0. 000339
0. 016130	0. 005654	0. 008758	0. 000357	0. 001806
0. 002344	0. 001702	0. 001880	0. 000922	0. 000566
0. 003266	0. 001258	0. 001817	0. 001154	0. 007311
0. 000122	0. 000734	0. 001751	0. 000407	0. 002210
0. 046152	0. 002899	0. 015300	0. 002235	0. 005772
0. 000536	0. 002477	0. 000932	0. 007505	0. 005213
0. 000613	0. 003617	0. 002839	0. 000560	0. 002942
0. 015749	0. 001500	0. 002826	0. 000239	0. 010844
0. 005030	0. 000515	0. 195344	0. 003579	0. 009314
0. 027325	0. 009708	0. 032892	0. 001191	0. 001227
0. 001462	0. 024583	0. 000793	0. 005956	0. 000194
0. 037911	0. 001696	0. 006125	0. 000581	0. 000729
0. 011938	0. 007230	0. 023266	0. 000214	0. 002069
0. 002657	0. 004304	0. 004670	0. 007650	0. 017565

0. 003921	0. 017255	0. 003703	0. 000666	0. 012608
0. 004220	0. 004745	0. 004884	0. 011871	0. 017703
0. 001037	0. 008654	0. 004796	0. 020761	0. 006169
0. 000523	0. 001720	0. 001984	0. 011112	0. 000844
0. 004289	0. 000717	0. 003424	0. 001809	0. 000952
0. 000813	0. 003750	0. 001793	0. 020353	0. 002050
0. 005840	0. 011149	0. 035536	0. 003276	0. 000282
0. 001572	0. 020467	0. 004606	0. 002215	0. 003456
0. 001175	0. 013320	0. 008691	0. 000019	0. 002720
0. 005079	0. 001892	0. 001940	0. 055144	0. 007023
0. 003831	0. 014554	0. 001423	0. 008895	0. 000396
0. 000331	0. 000402	0. 018958	0. 001146	0. 001992
0. 000502	0. 000993	0. 010175	0. 002663	0. 026252
0. 000298	0. 005471		0. 023596	0. 002888
0. 008101	0. 003181		0. 005389	0. 001782
0. 000322	0. 002294	STRAWBERRY -	0. 000032	0. 000573
0. 002520	0. 001730	FDA	0. 000236	0. 000516
0. 001744	0. 002615	TOTALZ=636	0. 000090	0. 001410
0. 006001	0. 093766	TOTALLOD=79	0. 001332	0. 001208
0. 007039	0. 002774	LODR=.. 00015	0. 003979	0. 000531
0. 002876	0. 000288	d o c	0. 000192	0. 000427
0. 001081	0. 004169	c o - m i n g l e d ;	0. 003006	0. 001064
0. 003530	0. 005879	w/%CT	0. 003136	0. 001328
0. 010569	0. 002924	0. 03	0. 017150	0. 005641
0. 002539	0. 022438	0. 03	0. 006497	0. 009604
0. 003242	0. 014129		0. 007164	0. 000785
0. 000700	0. 000171	0. 0005	0. 004731	0. 000536
0. 005402	0. 005284	0. 0005	0. 009008	0. 009954
0. 015376	0. 001122	0. 041	0. 001359	0. 013422
0. 002187	0. 001001		0. 000861	0. 010765
0. 006280	0. 018715	0. 0005	0. 027216	0. 009399
0. 000306	0. 000144		0. 001501	0. 002732
0. 000656	0. 000232	0. 0005	0. 000955	0. 003085
0. 004472	0. 004331	0. 043	0. 001076	0. 002037
0. 018482	0. 001367		0. 000312	0. 014863
0. 001482	0. 011375		0. 002860	0. 001123
0. 007913	0. 001667		0. 006793	0. 012755
0. 000049	0. 002690		0. 002977	0. 005697
0. 001453	0. 007067	SUNFLOWER- CHL	0. 000479	0. 003779
0. 007871	0. 000374	ORPYRI FOS	0. 001004	0. 021673
0. 005359	0. 001846	TOTALZ=99	0. 003386	0. 000184
0. 006065	0. 034728		0. 000344	0. 016009
0. 012232	0. 025772		0. 008219	0. 000309
0. 005163	0. 014967	. 046	0. 000146	0. 017611
0. 006019	0. 000710		0. 000251	0. 025351
0. 003680	0. 000839		0. 000507	0. 000500
0. 006874	0. 001248	SWEETPOT2000NB	0. 000323	0. 000354
0. 001013	0. 001344	TOTALZ=7548	0. 002512	0. 004675
0. 000856	0. 010642	TOTALLOD=770	0. 000351	0. 003149
0. 000182	0. 000954	LODR=.. 0029	0. 001629	0. 022858
0. 005576	0. 002547	0. 002812	0. 008525	0. 005125
0. 003147	0. 004492	0. 002686	0. 000660	0. 001825
0. 002411	0. 001030	0. 003057	0. 001312	0. 000134
0. 000741	0. 001477	0. 051080	0. 012302	0. 005454
0. 000453	0. 001051	0. 001381	0. 009819	0. 002229
0. 008026	0. 000760	0. 001236	0. 000371	0. 000361
0. 006234	0. 002216	0. 007529	0. 005178	0. 065210
0. 002471	0. 003358	0. 000225	0. 141620	0. 002194
0. 006890	0. 002401	0. 001033	0. 000049	0. 000430
0. 010007	0. 001042	0. 021073	0. 014765	0. 029130
0. 010312	0. 001536	0. 007266	0. 024433	0. 000986
0. 016554	0. 020664	0. 004563	0. 004784	0. 024885
0. 002805	0. 001651	0. 002348	0. 000164	0. 038716

0. 006354	0. 011532	0. 000744	0. 001561	0. 000539
0. 003694	0. 002411	0. 008634	0. 001747	0. 000378
0. 004365	0. 000728	0. 012941	0. 011780	0. 003832
0. 003312	0. 023149	0. 004997	0. 033060	0. 004158
0. 000394	0. 000501	0. 000829	0. 002173	0. 000683
0. 000852	0. 037747	0. 002585	0. 000693	0. 002649
0. 003668	0. 049038	0. 001445	0. 001417	0. 001110
0. 007003	0. 007348	0. 001402	0. 042464	0. 002623
0. 002472	0. 000216	0. 011342	0. 022096	0. 004082
0. 423332	0. 000327	0. 000757	0. 000678	0. 027954
0. 008056	0. 000262	0. 001953	0. 000267	0. 010233
0. 000711	0. 001167	0. 000770	0. 000455	0. 053098
0. 001924	0. 003815	0. 000437	0. 001520	0. 092453
0. 000704	0. 031389	0. 002598	0. 005205	0. 014622
0. 000086	0. 005270	0. 000933	0. 001157	0. 004039
0. 000126	0. 000337	0. 002151	0. 000063	0. 003032
0. 001295	0. 003919	0. 000584	0. 000364	0. 000643
0. 000200	0. 018421	0. 003186	0. 008154	0. 000299
0. 056910	0. 252030	0. 006204	0. 005100	0. 001281
0. 004718	0. 008723	0. 000077	0. 000465	0. 000208
0. 001740	0. 000549	0. 000808	0. 002056	0. 005041
0. 000068	0. 012114	0. 000597	0. 009968	0. 000115
0. 000461	0. 002453	0. 003360	0. 005320	0. 000521
0. 000051	0. 004287	0. 000800	0. 003930	0. 010972
0. 000819	0. 001270	0. 003589	0. 000071	0. 001025
0. 000290	0. 000780	0. 006780	0. 026892	0. 013922
0. 000415	0. 016777	0. 001216	0. 002931	0. 015252
0. 004232	0. 004479	0. 001682	0. 002375	0. 000137
0. 000219	0. 016445	0. 001708	0. 002073	0. 008446
0. 018015	0. 000482	0. 001614	0. 001460	0. 001578
0. 002760	0. 000142	0. 002794	0. 013708	0. 005974
0. 002140	0. 001764	0. 006642	0. 002844	0. 001486
0. 010422	0. 002300	0. 006038	0. 006299	0. 000209
0. 044570	0. 010891	0. 000921	0. 000621	0. 000941
0. 000381	0. 007207	0. 032656	0. 003517	0. 019569
0. 005471	0. 001872	0. 003476	0. 009533	0. 000241
0. 001695	0. 001290	0. 001200	0. 011647	0. 000890
0. 001350	0. 001429	0. 029668	0. 000303	0. 003526
0. 098860	0. 000024	0. 002925	0. 003739	0. 179753
0. 007628	0. 006907	0. 000474	0. 009225	0. 000180
0. 000765	0. 001180	0. 000093	0. 000286	0. 002010
0. 004851	0. 000190	0. 001099	0. 000106	0. 001193
0. 006708	0. 040579	0. 000060	0. 001470	0. 001041
0. 000243	0. 003636	0. 000832	0. 008364	0. 000385
0. 001244	0. 009095	0. 030867	0. 000229	0. 004869
0. 000674	0. 020102	0. 000405	0. 000715	0. 000176
0. 004384	0. 004137	0. 000735	0. 000198	0. 004324
0. 005591	0. 002490	0. 001599	0. 000043	0. 000895
0. 001554	0. 000111	0. 000570	0. 000564	0. 000103
0. 000968	0. 000901	0. 005829	0. 000600	0. 001845
0. 010538	0. 007680	0. 000335	0. 000318	0. 000037
0. 000278	0. 000627	0. 000443	0. 001620	0. 000121
0. 007419	0. 002247	0. 006062	0. 001916	0. 000724
0. 070687	0. 000796	0. 000004	0. 000579	0. 003997
0. 001084	0. 116884	0. 000169	0. 000868	0. 000273
0. 001656	0. 003225	0. 002336	0. 001253	0. 001667
0. 000653	0. 001796	0. 007922	0. 000914	0. 012490
0. 013162	0. 001092	0. 003289	0. 005758	0. 000552
0. 002285	0. 060420	0. 000638	0. 002107	0. 004948
0. 015733	0. 003877	0. 000255	0. 014149	0. 111020
0. 002977	0. 001978	0. 000099	0. 000876	0. 002537
0. 000080	0. 001534	0. 000148	0. 000616	0. 001854
0. 006427	0. 003408	0. 000607	0. 001508	0. 001897

0. 004438	0. 003601	0. 001630	0. 000115	0. 009268
0. 007770	0. 010871	0. 002105	0. 000948	0. 000258
0. 046982	0. 001752	0. 000040	0. 000087	0. 002620
0. 000155	0. 014870	0. 000676	0. 001072	0. 008281
0. 001950	0. 000534	0. 000344	0. 094721	0. 023414
0. 001130	0. 001128	0. 001292	0. 000470	0. 000491
0. 019353	0. 004625	0. 000497	0. 000373	0. 000397
0. 014302	0. 002478	0. 004135	0. 112061	0. 007492
0. 010153	0. 000128	0. 000120	0. 000057	0. 000995
0. 003218	0. 000074	0. 001936	0. 000347	0. 000761
0. 000159	0. 002834	0. 016407	0. 007321	0. 000799
0. 015449	0. 003722	0. 000394	0. 000588	0. 015484
0. 000991	0. 000121	0. 000174	0. 000685	0. 004556
0. 034010	0. 001866	0. 002484	0. 050008	0. 007015
0. 016314	0. 003694	0. 002851	0. 004241	0. 003439
0. 002386	0. 000855	0. 021011	0. 005596	0. 009720
0. 001012	0. 029362	0. 001841	0. 001230	0. 001394
0. 004518	0. 005652	0. 002799	0. 000840	0. 001335
0. 002563	0. 000641	0. 000044	0. 000425	0. 001274
0. 005532	0. 031267	0. 079203	0. 002407	0. 019656
0. 009348	0. 012171	0. 000286	0. 001974	0. 000575
0. 078232	0. 001597	0. 000339	0. 003184	0. 002345
0. 000124	0. 001883	0. 020387	0. 001048	0. 002332
0. 036802	0. 006522	0. 004827	0. 000272	0. 489389
0. 001058	0. 002531	0. 040871	0. 011070	0. 051650
0. 000490	0. 010206	0. 001015	0. 035765	0. 000469
0. 018994	0. 003068	0. 061789	0. 001224	0. 006190
0. 002432	0. 000875	0. 014371	0. 007631	0. 033364
0. 003579	0. 000212	0. 002157	0. 003966	0. 004395
0. 002267	0. 001783	0. 000541	0. 092299	0. 000741
0. 000168	0. 000610	0. 009877	0. 002732	0. 026435
0. 000449	0. 001377	0. 013923	0. 017366	0. 004945
0. 002112	0. 000255	0. 002138	0. 003652	0. 004759
0. 000979	0. 024212	0. 001673	0. 001156	0. 002226
0. 001722	0. 000270	0. 000356	0. 000796	0. 000549
0. 035705	0. 000335	0. 011008	0. 022055	0. 000093
0. 001375	0. 000046	0. 002070	0. 000887	0. 000463
0. 004219	0. 000559	0. 008652	0. 000237	0. 001427
0. 077998	0. 000021	0. 001429	0. 001106	0. 008370
0. 007997	0. 001663	0. 009430	0. 016059	0. 006894
0. 005907	0. 000449	0. 005322	0. 002696	0. 000988
0. 006531	0. 000918	0. 000750	0. 002644	0. 010079
0. 000409	0. 001098	0. 001550	0. 000823	0. 000388
0. 004622	0. 001144	0. 000322	0. 070557	0. 000820
0. 000421	0. 001507	0. 000955	0. 002362	0. 005415
0. 000260	0. 000061	0. 002248	0. 003128	0. 000312
0. 066329	0. 015330	0. 000708	0. 002551	0. 003032
0. 002809	0. 000531	0. 038724	0. 001305	0. 004432
0. 006502	0. 018724	0. 003237	0. 000108	0. 158091
0. 003765	0. 006611	0. 000217	0. 000242	0. 000870
0. 004791	0. 000251	0. 000600	0. 000614	0. 017034
0. 003643	0. 004366	0. 000478	0. 000208	0. 000778
0. 000293	0. 003023	0. 000898	0. 002000	0. 000439
0. 004088	0. 001652	0. 001474	0. 013597	0. 001502
0. 036525	0. 001815	0. 003897	0. 012982	0. 018079
0. 002918	0. 004279	0. 003575	0. 003387	0. 011615
0. 008984	0. 047117	0. 002576	0. 000969	0. 000903
0. 005536	0. 000159	0. 007802	0. 006297	0. 034241
0. 000728	0. 001532	0. 002985	0. 020900	0. 006719
0. 000379	0. 002613	0. 004053	0. 000525	0. 000031
0. 261771	0. 000366	0. 016995	0. 008092	0. 000110
0. 001182	0. 000457	0. 010732	0. 000281	0. 000714
0. 116186	0. 001053	0. 005083	0. 001169	0. 006667

0. 001618	0. 003842	0. 024951	0. 000932	0. 018
0. 004725	0. 043869	0. 001032	0. 013520	0. 018
0. 000165	0. 002279	0. 008552	0. 001197	0. 018
0. 009199	0. 000028	0. 000014	0. 002191	0. 015
0. 000704	0. 001342	0. 001007	0. 007415	0. 015
0. 005747	0. 010253	0. 008494	0. 000182	0. 015
0. 000223	0. 007865	0. 005229	0. 001362	0. 013
0. 011372	0. 001131	0. 006113	0. 055315	0. 011
0. 000359	0. 000145	0. 014820	0. 037962	0. 01
0. 000326	0. 001462	0. 004989	0. 019119	0. 01
0. 003212	0. 000299	0. 006055	0. 000408	0. 01
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0. 006993	0. 001385	0. 007160	0. 000831	0. 01
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0. 000509	0. 000160	0. 000517	0. 012430	0. 01
0. 000171	0. 001325	0. 000073	0. 000592	0. 01
0. 000567	0. 000306	0. 005497	0. 002045	0. 01
0. 000753	0. 007740	0. 002671	0. 004185	0. 01
0. 000202	0. 001709	0. 001908	0. 000652	0. 007
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0. 007999	0. 005051	0. 000231	0. 000669	0. 007
0. 000302	0. 002453	0. 008707	0. 000445	0. 007
0. 000103	0. 012729	0. 006329	0. 001715	0. 007
0. 003142	0. 010506	0. 001968	0. 002898	0. 007
0. 000784	0. 000813	0. 007181	0. 001898	0. 007
0. 005976	0. 000079	0. 011502	0. 000662	0. 007
0. 000316	0. 000421	0. 011946	0. 001080	0. 007
0. 000090	0. 001573	0. 021712	0. 028724	0. 007
0. 008194	0. 023399	0. 002310	0. 001183	0. 007
0. 001835	0. 003525	0. 022879	0. 003279	0. 007
0. 003354	0. 003867	0. 004484	0. 004651	0. 007
0. 001923	0. 000658	0. 009575	0. 004546	0. 007
0. 001209	0. 000278	0. 001246	0. 001492	0. 007
0. 006848	0. 003948	0. 000413	0. 002971	0. 007
0. 010472	0. 000484	0. 003332	0. 001313	0. 007
0. 009117	0. 005828	0. 013182	0. 056945	0. 007
0. 000189	0. 001112	0. 028380	0. 004319	0. 007
0. 042476	0. 000771	0. 016503	0. 009627	0. 005
0. 027236	0. 004887	0. 001405	0. 001451	0. 005
0. 046394	0. 003424	0. 018455	0. 000981	0. 005
0. 001608	0. 000156	0. 000199	0. 025764	0. 005
0. 001528	0. 000263	0. 000623	0. 011746	0. 005
0. 075223	0. 000136	0. 005368		0. 005
0. 002087	0. 008810	0. 002707		0. 005
0. 000195	0. 000150	0. 001792	SWEETPOT2000	0. 005
0. 000859	0. 002017	0. 001255	TOTALZ=974	0. 005
0. 005200	0. 001268	0. 002114	TOTALLOD=99	0. 005
0. 001570	0. 006032	0. 193783	LODRES=. 0029	0. 005
0. 000182	0. 007377	0. 002277	0. 086	0. 005
0. 000222	0. 002383	0. 000131	0. 071	0. 005
0. 012926	0. 000693	0. 003809	0. 046	0. 005
0. 003464	0. 003088	0. 005877	0. 037	0. 005
0. 002935	0. 012324	0. 002434	0. 029	0. 005
0. 014078	0. 002037	0. 031873	0. 027	0. 005
0. 000553	0. 002773	0. 017777	0. 023	0. 005
0. 002524	0. 000401	0. 000068	0. 019	0. 005
0. 003497	0. 005282	0. 005136	0. 019	0. 005
0. 015677	0. 019781	0. 000727	0. 018	0. 005
0. 000239	0. 001687	0. 000629	0. 018	0. 005
0. 000943	0. 006388	0. 025349	0. 018	0. 005
0. 030904	0. 000141	0. 000054	0. 018	0. 005
0. 000579	0. 000369	0. 000100	0. 018	0. 005
0. 014490	0. 004161	0. 003997	0. 018	0. 005

0. 005	0. 002113	6. 51E- 05	0. 000778	0. 005225
0. 005	0. 06574	0. 043826	0. 095087	0. 047117
0. 005	0. 019531	0. 077815	0. 002004	0. 007061
0. 005	0. 011493	0. 012129	0. 079459	0. 000114
0. 005	0. 005388	0. 000259	0. 13151	0. 016982
0. 005	0. 001281	0. 036605	0. 016762	0. 033065
0. 005	0. 034176	0. 053897	0. 009032	0. 005553
0. 005	0. 064633	0. 016206	0. 010926	0. 001418
0. 005	0. 031695	0. 001678	0. 007976	0. 073174
0. 005	0. 004002	0. 001925	0. 000704	0. 000927
0. 005	0. 063186	0. 004615	0. 001697	0. 127765
0. 005	0. 007878	0. 000482	0. 008959	0. 172168
0. 005	0. 005043	0. 008371	0. 018725	0. 019781
0. 005	2. 22E- 05	0. 006372	0. 005714	0. 000355
0. 005	0. 196813	0. 018789	2. 009453	0. 00057
0. 005	0. 024596	0. 000709	0. 021967	0. 000441
0. 005	0. 002379	0. 004469	0. 001381	0. 002428
0. 005	0. 00622	0. 084453	0. 004293	0. 009371
0. 005	0. 074785	0. 006821	0. 001366	0. 103536
0. 005	0. 013892	0. 003935	0. 000124	0. 013542
0. 005	4E- 05	0. 00108	0. 000192	0. 000589
0. 005	0. 000393	0. 000957	0. 002735	0. 009662
0. 005	0. 00013	0. 003013	0. 000326	0. 056396
0. 005	0. 002823	0. 002526	0. 204013	1. 1126
0. 005	0. 009831	0. 00099	0. 011938	0. 024052
0. 005	0. 000311	0. 000773	0. 00383	0. 001029
0. 005	0. 007141	0. 002187	9. 47E- 05	0. 034976
0. 005	0. 007493	0. 002814	0. 000843	0. 005664
0. 005	0. 051981	0. 014635	6. 89E- 05	0. 010702
0. 005	0. 017191	0. 026843	0. 001621	0. 002676
0. 005	0. 019219	0. 001546	0. 000498	0. 001534
0. 005	0. 011975	0. 001	0. 000747	0. 050694
0. 005	0. 024952	0. 027959	0. 010547	0. 011252
0. 005	0. 00289	0. 039311	0. 000361	0. 049553
0. 005	0. 001717	0. 030571	0. 05498	0. 000886
0. 005	0. 087997	0. 026191	0. 00648	0. 000221
0. 005	0. 003237	0. 006405	0. 004848	0. 00389
0. 005	0. 001933	0. 007356	0. 029464	0. 005264
0. 005	0. 002214	0. 004584	0. 154407	0. 030978
0. 005	0. 000541	0. 044159	0. 000677	0. 01935
0. 005	0. 006747	0. 002325	0. 014134	0. 004161
0. 005	0. 018087	0. 037093	0. 003716	0. 002724
0. 005	0. 007064	0. 014799	0. 002867	0. 003059
0. 005	0. 00088	0. 009268	0. 382862	2. 97E- 05
0. 005	0. 002045	0. 067878	0. 020643	0. 018435
0. 005	0. 00818	0. 000295	0. 001501	0. 00246
0. 005	0. 000604	0. 048057	0. 012323	0. 000307
0. 005	0. 022475	0. 000534	0. 01783	0. 138745
0. 005	0. 000227	0. 053579	0. 000406	0. 00887
0. 005	0. 000421	0. 081157	0. 002613	0. 025226
0. 005	0. 000939	0. 000924	0. 001299	0. 062299
TOMATO2000NB	0. 000562	0. 000623	0. 010979	0. 010278
TOTALZ=7083	0. 005821	0. 011814	0. 014488	0. 005761
	0. 000617	0. 00753	0. 003365	0. 000166
	0. 003552	0. 072125	0. 001962	0. 001808
0. 006619	0. 023433	0. 01312	0. 029837	0. 020803
0. 006283	0. 001269	0. 004043	0. 000473	0. 001195
0. 007281	0. 002776	0. 000206	0. 020001	0. 005124
0. 180367	0. 035593	0. 014082	0. 261205	0. 00157
0. 002942	0. 027528	0. 005079	0. 002233	0. 4634
0. 002592	0. 000659	0. 000638	0. 003621	0. 007738
0. 020339	0. 013273	0. 238265	0. 001252	0. 003971
0. 000371	0. 57675	0. 004987	0. 038444	0. 002252

0. 218417	0. 001221	0. 004762	0. 012602	0. 001419
0. 009545	0. 000429	0. 041748	0. 436991	0. 000673
0. 004433	0. 000146	0. 001752	0. 005886	1. 161748
0. 003318	0. 000231	0. 001172	0. 004118	0. 002465
0. 008238	0. 001153	0. 003252	0. 004225	0. 460245
0. 001453	0. 003384	0. 001008	0. 011134	0. 008774
0. 023775	0. 003847	0. 000672	0. 021081	0. 030913
0. 037711	0. 033879	0. 009419	0. 163967	0. 00386
0. 012746	0. 109842	0. 010337	0. 000242	0. 044182
0. 001644	0. 004933	0. 00132	0. 004361	0. 000995
0. 006012	0. 001341	0. 006183	0. 002341	0. 002336
0. 003099	0. 003029	0. 002294	0. 059658	0. 011671
0. 002993	0. 146118	0. 006113	0. 042262	0. 005731
0. 032446	0. 06939	0. 01012	0. 028598	0. 000196
0. 001483	0. 001307	0. 090725	0. 007719	0. 000105
0. 004369	0. 000453	0. 028855	0. 00025	0. 006678
0. 001513	0. 000829	0. 188509	0. 046148	0. 00911
0. 000793	0. 003283	0. 354711	0. 002016	0. 000184
0. 006047	0. 013351	0. 043342	0. 113449	0. 004147
0. 001882	0. 002406	0. 010001	0. 049104	0. 009033
0. 004875	8. 66E- 05	0. 007212	0. 005489	0. 001703
0. 001104	0. 000643	0. 00123	0. 002065	0. 095949
0. 00763	0. 022272	0. 000514	0. 011363	0. 014669
0. 016311	0. 013047	0. 0027	0. 005954	0. 001227
0. 000109	0. 000852	0. 000341	0. 014312	0. 103079
0. 001598	0. 004633	0. 012873	0. 026029	0. 035163
0. 001132	0. 028006	0. 000174	0. 293218	0. 003473
0. 008108	0. 013689	0. 000968	0. 000189	0. 004191
0. 001578	0. 009694	0. 031243	0. 124123	0. 017267
0. 00874	0. 0001	0. 002095	0. 002171	0. 005869
0. 018047	0. 086807	0. 040985	0. 000904	0. 028768
0. 002544	0. 006938	0. 045478	0. 058398	0. 00731
0. 003683	0. 005458	0. 000212	0. 005608	0. 001749
0. 003749	0. 004677	0. 023183	0. 008711	0. 000348
0. 003515	0. 003134	0. 003426	0. 005177	0. 003936
0. 006571	0. 040267	0. 015624	0. 000267	0. 00116
0. 017631	0. 006704	0. 0032	0. 000817	0. 002933
0. 015816	0. 016597	0. 000343	0. 004776	0. 000428
0. 001853	0. 001184	0. 001901	0. 001989	0. 077015
0. 108312	0. 00854	0. 060418	0. 003785	0. 000458
0. 008426	0. 026615	0. 000402	0. 119915	0. 000585
0. 002506	0. 033441	0. 001782	0. 002929	6. 15E- 05
0. 097092	0. 000522	0. 008566	0. 010509	0. 00105
0. 006923	0. 009159	0. 756879	0. 29222	2. 46E- 05
0. 000869	0. 025637	0. 000289	0. 021784	0. 003636
0. 000136	0. 000489	0. 004513	0. 015425	0. 000819
0. 002268	0. 000157	0. 002491	0. 017296	0. 001846
8. 21E- 05	0. 00316	0. 002131	0. 000735	0. 002267
0. 001652	0. 022928	0. 000686	0. 011663	0. 002373
0. 101576	0. 000379	0. 012374	0. 00076	0. 00325
0. 000728	0. 001389	0. 000281	0. 000438	8. 4E- 05
0. 001435	0. 000322	0. 010809	0. 242931	0. 045741
0. 003477	5. 69E- 05	0. 001794	0. 006611	0. 00099
0. 001073	0. 00106	0. 000153	0. 017208	0. 057456
0. 015191	0. 001137	0. 004093	0. 00923	0. 017535
0. 000585	0. 000551	4. 82E- 05	0. 01215	0. 000421
0. 000805	0. 00353	0. 000183	0. 00889	0. 010927
0. 015886	0. 004275	0. 001408	0. 000503	0. 007188
3. 8E- 06	0. 001092	0. 009882	0. 010139	0. 003609
0. 000268	0. 001734	0. 000464	0. 123061	0. 004019
0. 005357	0. 002634	0. 003647	0. 006903	0. 010679
0. 021554	0. 001838	0. 036216	0. 024876	0. 164505
0. 007913	0. 014981	0. 001034	0. 014324	0. 00025

0. 003311	0. 007085	0. 065127	0. 017864	0. 000399
0. 006088	0. 010039	0. 000976	3. 87E- 05	0. 001906
0. 000647	0. 051447	0. 022081	0. 000164	0. 101715
0. 000833	0. 030466	0. 00048	0. 001387	0. 001092
0. 002159	0. 012996	0. 002434	0. 017704	0. 042895
0. 003554	0. 000173	0. 025773	0. 003524	0. 009446
0. 004757	0. 001916	0. 000435	0. 011957	0. 151642
5. 21E- 05	0. 000125	0. 006105	0. 000261	0. 005208
0. 001303	0. 002205	0. 02267	0. 025555	3. 47E- 05
0. 000604	0. 364647	0. 07413	0. 001364	0. 002848
0. 002728	0. 000862	0. 000904	0. 014949	0. 028919
0. 000919	0. 000663	0. 00071	0. 000369	0. 021374
0. 010272	0. 441666	0. 020223	0. 032544	0. 002342
0. 000181	7. 84E- 05	0. 002026	0. 000633	0. 000226
0. 004324	0. 000609	0. 001492	0. 000568	0. 00314
0. 049422	0. 0197	0. 001578	0. 007702	0. 000514
0. 000703	0. 001112	0. 046267	0. 005006	0. 003905
0. 000278	0. 001323	0. 011471	0. 018696	0. 002952
0. 005746	0. 176057	0. 018762	0. 002177	0. 004924
0. 006722	0. 010571	0. 008326	0. 000942	0. 000253
0. 065522	0. 014501	0. 027213	0. 000273	0. 002806
0. 004085	0. 002578	0. 002974	0. 001067	0. 000528
0. 006583	0. 001669	0. 002832	0. 001474	0. 020988
5. 81E- 05	0. 000768	0. 002685	0. 000328	0. 003752
0. 297371	0. 005544	0. 060727	0. 003814	0. 014936
0. 000489	0. 004422	0. 001083	0. 021792	0. 012902
0. 000594	0. 007625	0. 00538	0. 000521	0. 005665
0. 063307	0. 002148	0. 005347	0. 000153	0. 037005
0. 012253	0. 000462	2. 370613	0. 00751	0. 029733
0. 139885	0. 031562	0. 182662	0. 001542	0. 001609
0. 002071	0. 120143	0. 000859	0. 015628	0. 000114
0. 224068	0. 002564	0. 016269	0. 000549	0. 000761
0. 042494	0. 020652	0. 110996	0. 00013	0. 003414
0. 004892	0. 009794	0. 011012	0. 022399	0. 074074
0. 001012	0. 354039	0. 001447	0. 004068	0. 008564
0. 027715	0. 006404	0. 085127	0. 008092	0. 009517
0. 040987	0. 052731	0. 012595	0. 004293	0. 001264
0. 004844	0. 008916	0. 012056	0. 00253	0. 000472
0. 003662	0. 002403	0. 005071	0. 018255	0. 009743
0. 000627	0. 001571	0. 001028	0. 029626	0. 000891
0. 031358	0. 069243	0. 000137	0. 025295	0. 01519
0. 004668	0. 001777	0. 000848	0. 000306	0. 002298
0. 02383	0. 000394	0. 003055	0. 146165	0. 001513
0. 00306	0. 002285	0. 022948	0. 088074	0. 012426
0. 026288	0. 04823	0. 018395	0. 16163	0. 008283
0. 013695	0. 006309	0. 00201	0. 003501	0. 000244
0. 001466	0. 00617	0. 028361	0. 003301	0. 000445
0. 003357	0. 001631	0. 000692	0. 280395	0. 00021
0. 00056	0. 260657	0. 001623	0. 004712	0. 024326
0. 001932	0. 005426	0. 013967	0. 000316	0. 000235
0. 005127	0. 007473	0. 000539	0. 001713	0. 004532
0. 001373	0. 005924	0. 007211	0. 013338	0. 002669
0. 13154	0. 002758	0. 011116	0. 003405	0. 015796
0. 00777	0. 000161	0. 653817	0. 000293	0. 019871
0. 000357	0. 000403	0. 001739	0. 000365	0. 005481
0. 001138	0. 001168	0. 051581	0. 037659	0. 001341
0. 000879	0. 00034	0. 001529	0. 008393	0. 007363
0. 001802	0. 004488	0. 000797	0. 00695	0. 035666
0. 00317	0. 039897	0. 003238	0. 041509	0. 004584
0. 009601	0. 037846	0. 055206	0. 001037	0. 006514
0. 008701	0. 008181	0. 033338	0. 005853	0. 000718
0. 005989	0. 001964	0. 001812	0. 008485	0. 013577
0. 021181	0. 016589	0. 114328	0. 046923	0. 061165

0. 003697	0. 001201	0. 005
0. 016864	0. 08115	
0. 000218	7. 36E-05	
0. 000654	0. 000147	
0. 010345	0. 009881	
0. 0797	0. 00188	
0. 002112	0. 03964	
0. 023517	0. 002501	
1. 56E-05	0. 00498	
0. 002052	0. 019988	
0. 023336	0. 000291	
0. 013422	0. 002897	
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0. 04401	0. 128593	
0. 012722	0. 058839	
0. 015864	0. 000733	
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0. 019206	0. 00165	
0. 001222	0. 001835	
0. 000959	0. 036017	
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0. 004408	0. 006851	
0. 01927	0. 004228	
0. 032968	0. 001272	
0. 034422	0. 002223	
0. 068017	0. 093578	
0. 005288	0. 002466	
0. 072202	0. 007886	
0. 011266	0. 011744	
0. 026749	0. 011442	
0. 002617	0. 003213	
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0. 008031	0. 002777	
0. 038512	0. 204156	
0. 092299	0. 010795	
0. 049753	0. 026914	
0. 003	0. 003112	
0. 056513	0. 001993	
0. 000323	0. 082668	
0. 001187	0. 033765	
0. 013829		
0. 006337		
0. 003959		
0. 002638	Processed to ma	
0. 004781	to-cpy	
0. 824583	TOTALZ=364	
0. 005203	TOTALLOD=2	
0. 0002	LODRES=. 003	
0. 009354	0. 034	
0. 015336	0. 028	
0. 005614	0. 021	
0. 105358	0. 019	
0. 054153	0. 018	
9. 45E-05	0. 018	
0. 013152	0. 018	
0. 001416	0. 007	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

June 22, 2000

MEMORANDUM

SUBJECT: **Chlorpyrifos.** Appendix 1. Acute Dietary Risk Assessment for Chlorpyrifos, Revised to Accommodate Proposed Mitigation Actions; Chemical No. 59101

FROM: David Soderberg, Chemist
Reregistration Branch 3
Health Effects Division (7509C)

THROUGH: Steve Knizner, Branch Senior Scientist
Reregistration Branch 3
Health Effects Division (7509C)

TO: Mark Hartman, Chemical Review Manager
Reregistration Branch 2
Special Review and Reregistration Division (7508C)

Background/Action Requested

Update the acute dietary exposure assessment for chlorpyrifos to reflect dietary exposure mitigation mitigation measures agreed to by chlorpyrifos registrants in June 2000.

Executive Summary

HED has previously conducted highly refined acute probabilistic dietary exposure assessments which incorporated USDA Pesticide Data Program (PDP), FDA Surveillance Monitoring Program and/or DowAgroSciences (DAS) National Food Survey (NFS) market basket data (D. Soderberg, October 14, 1999, "Revised Acute Dietary Risk Estimate for Chlorpyrifos, Modified in Response to Public Comments" DP Barcode D). The current memorandum revises this risk assessment to accommodate the actions that have been proposed to mitigate dietary exposure. These actions include limitation of use on grapes to a soil application with a concurrent reduction of the tolerance to 0.01 ppm, limitation of use on apples to a pre-bloom application with a concurrent reduction of the tolerance to 0.01 ppm, and cancellation of all uses on tomatoes with concurrent revocation of the tolerance.

Incorporating these mitigation actions, at the 99.9th percentile exposure, risk estimates

were below 100% of the acute Population Adjusted Dose for all population subgroups. Children 1-6 years old were the most highly exposed population subgroup, with a risk estimate of 80% of the aPAD at the 99.9th percentile exposure.

The tables below summarize the acute dietary exposure and risk estimates at the 99.9th percentile for the US Population and other sub-populations under these different exposure scenarios.

Table 1. Exposure and risk estimates for acute dietary exposures at the 99.9th percentile.

Population Subgroup	Exposure and Risk Estimates	
	Exposure (mg/kg/day)	% aPAD ^a
US Population	0.000239	4.8
All Infants less than 1 year old	0.000254	51
Children 1-6 years old	0.000399	80
Children 7-12 years old	0.00322	64
Females 13-50 years old	0.000201	40
Males 13-19 years old	0.000160	3.2
Males 20+ years old	0.000205	4.1
Seniors (55+ years old)	0.000223	4.5

^aThe acute population adjusted dose (aPAD) is 0.0005 mg/kg/day for all females, infants and children. It is 0.005 mg/kg/day for all other sub-populations

Detailed Considerations

Toxicological Information

All toxicological issues are identical to those in the parent memorandum and so are not reproduced here.

Residue Information

Except for Apples Grapes and Tomatoes, the Residue information is as discussed in the parent memorandum and will not be further discussed here.

Apples:

Mitigation of residues on apples has been proposed by allowing only a pre-bloom treatment and reducing the tolerance to 0.01 ppm. We attempted to model the residues expected after this mitigation by using the current PDP single pear residue data and truncating at 0.01 ppm. Pears are currently allowed only this pre-bloom treatment. We also incorporated the pear percent crop treated, in place of the current apple percent crop treated, on the grounds that, if apples were restricted to the pear treatment regime, usage on pears would also be likely to better approximate future usage on apples than would current usage on apples.

PDP analyzed single (whole) fresh pears during 1998. These were individual pears, not composite samples. This data was used for all non-blended fresh apple food forms. In these pears there were 160 samples with 3 measurable residues at 0.006, 0.007, and 0.028 ppm and an LOD of 0.0044 ppm. Because these samples were of single whole fruits, decomposition was not needed. BEAD estimates that 23% of the pear crop is treated with chlorpyrifos. The RDF constructed for fresh apples from the pear data consisted of 123 zeros, 34 at ½ LOD of 0.0022 ppm, and 3 detected residues at 0.006 ppm, 0.007 ppm, and 0.01 ppm.

For the dried partially blended food forms of apples, the PDP composite pear sample data were used. The PDP analyzed 708 composite pear samples for the year 1997 with 13 (2%) detects, having an average of 0.017923 ppm, a sum of 0.233 ppm, and the peak residue at 0.054 ppm. The estimated average percent crop treated from BEAD's 9/27/99 memo is 13%. From this it was assumed that 79 of the samples were at 1/2LOD of 0.003. Nine of the thirteen detects were at 0.01 ppm, or were above 0.01 ppm and were set to the 0.01 ppm tolerance. The other four detects were at 0.005 ppm. Therefore an RDF was created that consisted of 545 zeros, 150 at ½ LOD of 0.003 ppm, nine detects at 0.01 ppm and four detects at 0.005 ppm.

Peeling Factor for Apples (Pome Fruits): As noted in the Residue Chemistry Chapter (1/25/84)

of the Chlorpyrifos Registration Standard, data submitted in conjunction with PP#6F1777, 9F2221, and 1F2620 demonstrated that the majority of chlorpyrifos residues in apples were found on the apple peel. In summary, four freshly harvested samples containing 2.2 ppm to 4.6 ppm chlorpyrifos (average 3.4 ppm) were peeled. Peeled apples contained from 0.22 to 0.55 ppm chlorpyrifos. Removed peels contained 13 to 20 ppm chlorpyrifos. Based on the average level of chlorpyrifos in whole apples and the upper-end residue found on peeled apples, it was determined that a reduction factor of 0.15x for peeling could be applied to whole apples when they were peeled. This factor could also be translated to pears. This peeling reduction factor has also been supported by results of a study described by a commentor from Michigan State University (El-Hadidi, M.F., 1993, *Studies on Pesticide Residues in Fresh and Processed Apple Fruits Under Certain Developed Pest Control Programs*, PhD Dissertation, Dept. of Economic Entomology, Faculty of Agriculture, Cairo University, Egypt). This factor was applied to all cooked forms of fresh apples except for apples, boiled. Novigen has indicated that all apple sauce was translated to DEEM™ as apples, boiled (see below). The peeling factor was also translated to pears, kiwi and sweet potatoes.

Apple Sauce: After mitigation, residues in the canned food forms of apples were based upon the apple sauce data supplied by the registrant, which was a market basket survey on 200 samples of apple sauce with a $\frac{1}{2}$ LOD of 0.001 ppm. Four samples of these were positive for chlorpyrifos residues at 0.004 ppm. If the treatment of apples were restricted to the pre-bloom regime, it was assumed that, at a minimum, these four positive residues would no longer occur, so they were excluded from the analysis. In addition, it was assumed that the current maximum 23 percent crop treated for pears would better approximate the expected crop treated after mitigation than the current percent crop treated for apples. Based upon the estimated maximum 23% crop treated, 46 of the non detects were assumed to be at $\frac{1}{2}$ LOD, and the remainder at zero. Novigen has indicated that all apple sauce was translated to the food form "apples, boiled" in the DEEM™ program and junior apple sauce was translated to "apples, canned, not further specified." Therefore this AR was used for apples, boiled and apples, canned, not further specified. Because apple sauce is processed in a relatively similar manner to other canned apples, this AR was also used for all other canned apples. This value was used regardless of whether the exposure assessment used PDP or NFS data for fresh apples. The RDF constructed for apple sauce, after mitigation, consisted of 154 zeros, and 46 values at $\frac{1}{2}$ LOD of 0.001 ppm.

Apples, Frozen and Dried: The fresh apple RDF's were used for this food group, combined with a processing factor of 1.2. A processing factor of 1.2 was derived from the DEEM default factor of 8 times a peeling factor of 0.15.

Apple Juice/Concentrate: Residues in apple juice were based upon the registrants market basket survey of apple juice. There were a total of 198 samples of apple juice analyzed in the NFS survey. Residues were detected in 2 samples at 0.015 ppm. The average $\frac{1}{2}$ LOD reported was 0.0004 ppm. At a minimum, assuming mitigation that allowed only the pre-bloom treatment, it was assumed that the two positive findings would no longer be expected to occur, so these were removed from the data set. In addition, it was assumed that the current pear percent crop treated would better approximate the percent of the apple crop treated after mitigation. Therefore,

based upon a maximum of 23 percent of the crop treated, 45 samples were assumed to be at the $\frac{1}{2}$ LOD of 0.0004 ppm, and the remainder of the non-detects were assumed to be zero. The RDF constructed for apple juice consisted of 154 zeros and 45 residues at the $\frac{1}{2}$ LOD of 0.0004 ppm.

A processing factor of 3 was applied to apple juice concentrate. This is the ratio of the two default DEEM factors for apple juice and apple juice concentrate 1.3/3.9. Since analyses were measured directly in apple juice, it would not have been appropriate to keep the factor of 1.3 for apple juice, which is intended to convert from residues measured on whole fresh apples.

Grapes, Fresh: The USDA Pesticide Data Program (PDP) monitored 1884 grape samples during the years 1994 to 1997 with 162 detects (8%). Of these, 968 were samples from domestically grown grapes, where only a soil treatment is used. The remainder were imported grapes and had residues up to 0.44, apparently after foliar uses. To assess the contribution of grapes to total dietary exposure to chlorpyrifos after mitigation, only the residue results in the domestic grapes were used. These were truncated at the proposed tolerance of 0.01 ppm. Specifically, the truncation procedure meant that all domestic grapes that tested for residues above 0.01 ppm were adjusted to 0.01 ppm. This process was expected to create a reasonable model of expected residues after the mitigation actions, i.e., with only the soil treatments allowed. There were 39 grape samples with detected residues, out of 968 total samples. The maximum percent crop treated from BEAD is 1%, and this implies fewer grapes treated than were actually found with residues, so none of the grapes were assumed to be at $\frac{1}{2}$ LOD. Therefore the anticipated residue on grapes was calculated at 0.00025 ppm.

Grape Juice: The anticipated residue of 0.00025 ppm calculated above for fresh grapes was used for grape juice with an added processing factor of 0.3 (Knizner, S. Chlorpyrifos Anticipated Residues for DRES Acute Analysis, DP Barcode: D216468, 10/95).

Other Processed Grape Products: For grape **leaves** the grape AR with the DEEM default processing factor of 1.5 was used. For grape **raisins** the grape AR was used with the processing factor of 0.17 (Knizner, S. Chlorpyrifos Anticipated Residues for DRES Acute Analysis, DP Barcode: D216468, 10/95).

For grape wine the grape AR of 0.00025 was used, but was modified with a processing factor of 0.02. As recommended by a commentor, this was taken from an open literature vinification study [C. Sala et al, *J. Agric. Food Chem* 44, 3668-3671, 1996)]. This study reported initial chlorpyrifos values of 93 ppm ppm in white wine and 1866 ppm in red wine just after pressing. The residues in the fresh, raw grapes were not reported. In both cases, further processing into wine yielded results below the limit of detection of the method used. Unfortunately, this lower limit of detection was not reported in the study, so it was necessary to assume that the non-detects were at 2 ppm, that is, at $\frac{1}{2}$ of the lowest of any reported residue of chlorpyrifos (of 4 ppm). This yielded processing factors of 0.2 for white wine and 0.001 for red wine. Because red and white wines are not separate in DEEMTM, it was also necessary to apply the more conservative processing factor of 0.02 for white wine to the entire grape wine food category.

Tomatoes: As part of the proposed actions to mitigate dietary exposure to chlorpyrifos, all uses of chlorpyrifos on tomatoes are to be cancelled and the tomato tolerance revoked. Therefore, in this proposed mitigation assessment, all tomatoes were set at zero.

Results/Discussion

At the 99.9th percentile exposure, risk estimates were less than 100% of the acute Population Adjusted Dose for all population subgroups. Children 1-6 years old were the most highly exposed population subgroup, at 80% of the aPAD.

Table 4. Acute Dietary Exposure and Risk Estimates for Various Sub-Populations.

POPULATION	95% EXPOSURE		99% EXPOSURE		99.9% EXPOSURE	
	mg/kg/day	percent of aPAD	mg/kg/day	percent of aPAD	mg/kg/day	Percent of aPAD
U. S. Population	0.000014	0.3	0.000047	0.9	0.000239	4.8
All Infants	0.000016	3.2	0.000082	16.4	0.000254	50.8
Nursing Infants	0.000005	0.9	0.000033	6.6	0.000215	43.0
Non-nursing Infants	0.000018	3.7	0.000091	18.3	0.000272	54.3
Children 1 - 6 years old	0.000033	6.6	0.000097	19.4	0.000399	79.9
Children 7 - 12 years old	0.000024	4.8	0.000070	14.0	0.000322	64.4
Females 13+/preg./not nsg	0.000011	2.2	0.000027	5.5	0.000126	25.1
Females 13+/nursing	0.000018	3.6	0.000055	11.0	0.000293	58.5
Females 13 - 19	0.000010	2.1	0.000029	5.9	0.000155	31.0
Females 20+	0.000010	2.1	0.000035	7.0	0.000219	43.7
Females 13 - 50 years old	0.000011	2.1	0.000033	6.6	0.000201	40.2
Males 13 - 19 years old	0.000011	0.2	0.000042	0.8	0.000160	3.2
Males 20+	0.000009	0.2	0.000030	0.6	0.000205	4.1
Seniors	0.000011	0.2	0.000037	0.7	0.000223	4.5

Table 5 summarizes the exposure and risk estimates for various sub-populations when violative residues on carrots, spinach and squash are added into the exposure analysis. Chlorpyrifos is not registered for use on these crops. No tolerances have been established for carrots, squash, and/or spinach. These residues may represent misuse of chlorpyrifos or they may have resulted from spray drift.

Table 4. Exposure and Risk Estimates for Various Sub-Populations When Violative Residues on Carrots, Squash and Spinach are Included in the Exposure Assessment

POPULATION	95% EXPOSURE		99% EXPOSURE		99.9% EXPOSURE	
	mgs/kg/day	percent of aPAD	mgs/kg/day	percent of aPAD	mgs/kg/day	Percent of aPAD
U. S. Population	0.000014	0.3	0.000047	0.9	0.000240	4.8
All Infants	0.000017	3.3	0.000091	18.1	0.000258	51.7
Nursing Infants	0.000005	1.0	0.000034	6.7	0.000215	43.0
Non-nursing Infants	0.000020	3.9	0.000092	18.3	0.000296	59.3
Children 1 - 6 years old	0.000033	6.6	0.000097	19.5	0.000410	82.1
Children 7 - 12 years old	0.000024	4.8	0.000070	14.0	0.000319	63.9
Females 13+/preg./not nsg	0.000011	2.2	0.000028	5.6	0.000121	24.1
Females 13+/nursing	0.000018	3.6	0.000057	11.4	0.000304	60.8
Females 13 - 19	0.000010	2.1	0.000029	5.8	0.000160	32.0
Females 20+	0.000011	2.1	0.000035	7.1	0.000217	43.5
Females 13 - 50 years old	0.000011	2.1	0.000034	6.7	0.000201	40.2
Males 13 - 19 years old	0.000011	2.2	0.000043	0.9	0.000165	3.3
Males 20+	0.000009	1.8	0.000031	0.6	0.000205	4.1
Seniors	0.000011	2.2	0.000037	0.7	0.000220	4.4

List of Attachments

Attachment 1: Dietary Exposure Estimates

- 1.a. Acute Dietary Exposure Estimate, after Mitigation
- 1.b. Acute Dietary Exposure Estimate, after Mitigation, with Violative Residues on Carrots, Spinach and squash Included.

Attachment 4: Dietary Exposure DEEM Files

- 1.a. Acute Dietary Exposure DEEM File, after Mitigation
- 1.b. Acute Dietary Exposure DEEM File, after Mitigation, with Violative Residues on Carrots, Spinach and squash Included.

Attachment 5: RDF Files

cc:RRB3RF;D. Soderberg; S. Knizner;7509c:RRB3 D.Soderberg:CM-2:821D:308-4137

Attachment 1.a. Acute Dietary Exposure Estimate, After mitigation

U.S. Environmental Protection Agency Ver. 7.075
 DEEM ACUTE analysis for CHLORPYRIFOS (1989-92 data)
 Residue file: cpyacmitigatejun6.RS7 Adjustment factor #2 NOT used.
 Analysis Date: 06-16-2000/14:36:38 Residue file dated: 06-16-2000/14:12:30/8
 Daily totals for food and foodform consumption used.
 MC iterations = 1000 MC list in residue file MC seed = 10
 Run Comment: "EPA analysis; de-composited PDP/FDA (FT)"
 =====

Summary calculations (per capita):

	95th Percentile Exposure	99th Percentile Exposure	% aRfD	99.9th Percentile Exposure	% aRfD	
U.S. Population:						
	0.000014	2.82	0.000047	9.37	0.000240	47.95
All infants:						
	0.000016	3.25	0.000091	18.12	0.000254	50.73
Nursing infants (<1 yr old):						
	0.000005	0.93	0.000031	6.22	0.000215	42.91
Non-nursing infants (<1 yr old):						
	0.000019	3.73	0.000091	18.27	0.000278	55.63
Children 1-6 yrs:						
	0.000033	6.59	0.000097	19.48	0.000424	84.79
Children 7-12 yrs:						
	0.000024	4.77	0.000069	13.88	0.000320	63.94
Females 13+ (preg/not nursing):						
	0.000011	2.22	0.000027	5.48	0.000133	26.50
Females 13+ (nursing):						
	0.000018	3.61	0.000056	11.29	0.000305	60.94
Females 13-19 (not preg or nursing):						
	0.000010	2.08	0.000029	5.88	0.000152	30.47
Females 20+ (not preg or nursing):						
	0.000010	2.09	0.000035	6.96	0.000215	42.96
Females 13-50 yrs:						
	0.000011	2.11	0.000033	6.63	0.000199	39.74
Males 13-19 yrs:						
	0.000011	2.16	0.000043	8.52	0.000160	31.97
Males 20+ yrs:						
	0.000009	1.81	0.000030	6.05	0.000205	41.09
Seniors 55+:						
	0.000011	2.17	0.000036	7.29	0.000224	44.83

Attachment 1.b. Dietary exposure Analysis, after Mitigation, with Violative Residues on Carrots, Spinach and Squash Included.

U.S. Environmental Protection Agency Ver. 7.075
 DEEM ACUTE analysis for CHLORPYRIFOS (1989-92 data)
 Residue file: cpyacmitigvioljun6.RS7 Adjustment factor #2 NOT used.
 Analysis Date: 06-16-2000/15:04:22 Residue file dated: 06-16-2000/14:13:06/8
 Daily totals for food and foodform consumption used.
 MC iterations = 1000 MC list in residue file MC seed = 10
 Run Comment: "EPA analysis; de-composited PDP/FDA (FT)"
=====

Summary calculations (per capita):

	95th Percentile Exposure	% aRfD	99th Percentile Exposure	% aRfD	99.9th Percentile Exposure	% aRfD
U.S. Population:						
	0.000014	2.84	0.000047	9.43	0.000238	47.65
All infants:						
	0.000017	3.31	0.000090	18.10	0.000293	58.66
Nursing infants (<1 yr old):						
	0.000005	0.96	0.000033	6.64	0.000274	54.87
Non-nursing infants (<1 yr old):						
	0.000019	3.89	0.000092	18.33	0.000296	59.27
Children 1-6 yrs:						
	0.000033	6.64	0.000097	19.46	0.000406	81.21
Children 7-12 yrs:						
	0.000024	4.81	0.000070	14.06	0.000313	62.58
Females 13+ (preg/not nursing):						
	0.000011	2.23	0.000028	5.51	0.000119	23.77
Females 13+ (nursing):						
	0.000018	3.68	0.000057	11.46	0.000308	61.55
Females 13-19 (not preg or nursing):						
	0.000010	2.07	0.000029	5.78	0.000151	30.11
Females 20+ (not preg or nursing):						
	0.000011	2.11	0.000035	7.05	0.000214	42.81
Females 13-50 yrs:						
	0.000011	2.12	0.000033	6.69	0.000197	39.37
Males 13-19 yrs:						
	0.000011	2.17	0.000043	8.65	0.000164	32.82
Males 20+ yrs:						
	0.000009	1.83	0.000031	6.17	0.000206	41.21
Seniors 55+:						
	0.000011	2.20	0.000037	7.37	0.000222	44.45

Attachment 2.a. Acute Dietary Exposure Analysis DEEM File, after Mitigation

"Chlorpyrifos "
0
NEWMCD, 0.0005
NOEL, 0 0 0
06-16-2000/14:12:30
73
1 6 "CRANBERRY. RDF", 0
2 6 "cpygrapdomflat01. rdf", 0
3 6 "recitrusoth. rdf", 0
4 6 "Straw. rdf", 0
5 6 "regrapefruit. rdf", 0
6 6 "CPYGrapeFruitNBC. RDF", 0
7 6 "CPYCitrusNBC. RDF", 0
8 6 "relemon. rdf", 0
9 6 "CPYLemonNBC. RDF", 0
10 6 "reorange. rdf", 0
11 6 "cpyorangeprocnbc. rdf", 0
12 6 "Juor. rdf", 0
13 6 "cpyalmon. RDF", 0
14 6 "cpynuts. RDF", 0
15 6 "cypypecan. RDF", 0
16 6 "cpywalnu. RDF", 0
17 6 "pearsstrun01. rdf", 0
18 6 "regApjuice2zero23. rdf", 0
19 6 "cypyearsingleNB. rdf", 0
20 6 "cpyPearNB-C. rdf", 0
21 6 "Cpychers. rdf", 0
22 6 "Cpychert. rdf", 0
23 6 "nectarine2000NB. rdf", 0
24 6 "peach2000NB. rdf", 0
25 6 "peachcan. rdf", 0
26 6 "plum2000NB. rdf", 0
27 6 "cpyplumb-c. rdf", 0
28 6 "CPYBANAN. rdf", 0
29 6 "kiwi dec. rdf", 0
30 6 "Cpycucu. rdf", 0
31 6 "Cypyump. rdf", 0
32 6 "Cpybellp. rdf", 0
33 6 "tomato2000. rdf", 0
34 6 "tomatoproc. rdf", 0

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35 6 "cpyrootg. rdf", 0
36 6 "Cpybroccol i . rdf", 0
37 6 "CpyBruss. rdf", 0
38 6 "cpycabbg. rdf", 0
39 6 "cpycaul l. rdf", 0
40 6 "cpycol rd. rdf", 0
41 6 "cpykale. rdf", 0
42 6 "cpykohl r. rdf", 0
43 6 "cpymustr. rdf", 0
44 6 "sweetpot2000NB. rdf", 0
45 6 "cpyoni on. RDF", 0
46 6 "radish. rdf", 0
47 6 "CPYCHICKEN. RDF", 0
48 6 "CPYGRBEN. rdf", 0
49 6 "cpyswcornf. rdf", 0
50 6 "cpyswcrp. rdf", 0
51 6 "cpysweetpeas. rdf", 0
52 6 "aspara3000. rdf", 0
53 6 "Cpywhpdp. rdf", 0
54 6 "grbeanproc. rdf", 0
55 6 "CPYMLK. rdf", 0
56 6 "cpyGB. rdf", 0
57 6 "CPYprksa. rdf", 0
58 6 "PEANUT. rdf", 0
59 6 "cpybokch. rdf", 0
60 6 "cpyPearNB- Ct01. rdf", 0
61 6 "CPYCHICKFAT. RDF", 0
62 6 "sweetpot2000PB. rdf", 0
63 6 "Cpyegg. rdf", 0
64 6 "apsaucepbzero23. rdf", 0
65 6 "Pbutter. rdf", 0
66 6 "figs. rdf", 0
67 6 "mushroom rdf", 0
68 6 "sunflower. rdf", 0
69 6 "cpypeachnb- c. rdf", 0
70 6 "Julemon. rdf", 0
71 6 "Juci trus. rdf", 0
72 6 "Jugrafru. rdf", 0
73 6 "pl umcan. rdf", 0
-1 "EPA analysis; de-composited PDP/FDA (FT)"
999 1
8 "01010AA", "0", 0.001 1 1 1 1 6 "Cranberries", ""

```

11 Uncooked, 0. 001 1 1 1 1 ""
 12 Cooked: NFS, 0. 001 1 1 1 1 ""
 13 Baked, 0. 001 1 1 1 1 ""
 18 Dried, 0. 001 1 1 1 1 ""
 31 Canned: NFS, 0. 001 1 1 1 1 ""
 42 Frozen: Cooked, 0. 001 1 1 1 1 ""
 9 "01010JA", "0", 0. 0209 1 1 0. 3 0. 6 3 "Cranberries-juice", ""
 11 Uncooked, 0. 0209 1 1 0. 3 0. 6 ""
 12 Cooked: NFS, 0. 0209 1 1 0. 3 0. 6 ""
 31 Canned: NFS, 0. 0209 1 1 0. 3 0. 6 ""
 13 "01014AA", "0", 0. 001 2 1 1 1 4 "Grapes", ""
 11 Uncooked, 0. 001 2 1 1 1 ""
 12 Cooked: NFS, 0. 001 2 1 1 1 ""
 31 Canned: NFS, 0. 001 2 1 1 1 ""
 41 Frozen: NFS, 0. 001 2 1 1 1 ""
 14 "01014DA", "0", 0. 001 2 1 0. 17 1 6 "Grapes-raisins", ""
 11 Uncooked, 0. 001 2 1 0. 17 1 ""
 12 Cooked: NFS, 0. 001 2 1 0. 17 1 ""
 13 Baked, 0. 001 2 1 0. 17 1 ""
 14 Boiled, 0. 001 2 1 0. 17 1 ""
 18 Dried, 0. 001 2 1 0. 17 1 ""
 42 Frozen: Cooked, 0. 001 2 1 0. 17 1 ""
 15 "01014JA", "0", 0. 00272 2 1 0. 3 1 6 "Grapes-juice", ""
 11 Uncooked, 0. 00272 2 1 0. 3 1 ""
 12 Cooked: NFS, 0. 00272 2 1 0. 3 1 ""
 14 Boiled, 0. 00272 2 1 0. 3 1 ""
 31 Canned: NFS, 0. 00272 2 1 0. 3 1 ""
 34 Canned: Boiled, 0. 00272 2 1 0. 3 1 ""
 41 Frozen: NFS, 0. 00272 2 1 0. 3 1 ""
 17 "01016AA", "0", 0. 001 4 1 1 1 7 "Strawberries", ""
 11 Uncooked, 0. 001 4 1 1 1 ""
 12 Cooked: NFS, 0. 001 4 1 1 1 ""
 13 Baked, 0. 001 4 1 1 1 ""
 14 Boiled, 0. 001 4 1 1 1 ""
 31 Canned: NFS, 0. 001 4 1 1 1 ""
 34 Canned: Boiled, 0. 001 4 1 1 1 ""
 41 Frozen: NFS, 0. 001 4 1 1 1 ""
 20 "02001AA", "10", 0. 001 3 1 1 1 2 "Citrus citron", ""
 13 Baked, 0. 001 3 1 1 1 ""
 14 Boiled, 0. 001 3 1 1 1 ""
 22 "02002AB", "10", 0. 001 5 1 1 1 3 "Grapefruit-peeled"

fruit", ""

11 Uncooked, 0. 001 5 1 1 1 ""
 12 Cooked: NFS, 0. 001 5 1 1 1 ""
 31 Canned: NFS, 0. 001 6 1 1 1 ""
 23 "02002JA", "10", 0. 001 72 1 1 1 2 "Grapefruit-juice", ""
 11 Uncooked, 0. 001 72 1 1 1 ""
 31 Canned: NFS, 0. 001 72 1 1 1 1 ""
 24 "02003AA", "10", 0. 001 7 1 1 1 0 "Kumquats", ""
 26 "02004AB", "10", 0. 001 8 1 1 1 3 "Lemons-peeled fruit", ""
 11 Uncooked, 0. 001 8 1 1 1 ""
 12 Cooked: NFS, 0. 001 8 1 1 1 ""
 31 Canned: NFS, 0. 001 9 1 1 1 ""
 27 "02004HA", "10", 0. 001 9 1 15 1 6 "Lemons-peel", ""
 11 Uncooked, 0. 001 9 1 15 1 ""
 13 Baked, 0. 001 9 1 15 1 ""
 14 Boiled, 0. 001 9 1 15 1 ""
 31 Canned: NFS, 0. 001 9 1 15 1 ""
 34 Canned: Boiled, 0. 001 9 1 15 1 ""
 41 Frozen: NFS, 0. 001 9 1 15 1 ""
 28 "02004JA", "10", 0. 001 70 1 1 1 10 "Lemons-juice", ""
 11 Uncooked, 0. 001 70 1 1 1 ""
 12 Cooked: NFS, 0. 001 70 1 1 1 ""
 13 Baked, 0. 001 70 1 1 1 ""
 14 Boiled, 0. 001 70 1 1 1 ""
 15 Fried, 0. 001 70 1 1 1 ""
 31 Canned: NFS, 0. 001 70 1 1 1 1 ""
 32 Canned: Cooked, 0. 001 70 1 1 1 1 ""
 34 Canned: Boiled, 0. 001 70 1 1 1 1 ""
 41 Frozen: NFS, 0. 001 70 1 1 1 1 ""
 42 Frozen: Cooked, 0. 001 70 1 1 1 1 ""
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 31 "02005HA", "10", 0. 001 7 1 15 1 2 "Limes-peel", ""
 13 Baked, 0. 001 7 1 15 1 ""
 14 Boiled, 0. 001 7 1 15 1 ""
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 11 Uncooked, 0. 001 71 1 1 1 1 ""
 31 Canned: NFS, 0. 001 71 1 1 1 1 ""
 32 Canned: Cooked, 0. 001 71 1 1 1 1 1 ""
 34 Canned: Boiled, 0. 001 71 1 1 1 1 1 ""
 41 Frozen: NFS, 0. 001 71 1 1 1 1 1 ""

33 "02006JC", "10", 0.001 12 1 3.72 1 0
 "Oranges-juice-concentrate", "
 34 "02006AB", "10", 0.001 10 1 1 1 3 "Oranges-peeled fruit",
 ""
 11 Uncooked, 0.001 10 1 1 1 1 ""
 12 Cooked: NFS, 0.001 10 1 1 1 1 ""
 31 Canned: NFS, 0.001 11 1 1 1 1 ""
 35 "02006HA", "10", 0.001 11 1 15 1 4 "Oranges-peel", "
 11 Uncooked, 0.001 11 1 15 1 1 ""
 12 Cooked: NFS, 0.001 11 1 15 1 1 ""
 31 Canned: NFS, 0.001 11 1 15 1 1 ""
 41 Frozen: NFS, 0.001 11 1 15 1 1 ""
 36 "02006JA", "10", 0.001 12 1 1 1 1 4 "Oranges-juice", "
 11 Uncooked, 0.001 12 1 1 1 1 1 ""
 12 Cooked: NFS, 0.001 12 1 1 1 1 1 ""
 31 Canned: NFS, 0.001 12 1 1 1 1 1 ""
 41 Frozen: NFS, 0.001 12 1 1 1 1 1 ""
 37 "02007AA", "10", 0.001 3 1 1 1 0 "Tangelos", "
 38 "02008AA", "10", 0.001 3 1 1 1 3 "Tangerines", "
 11 Uncooked, 0.001 3 1 1 1 1 ""
 31 Canned: NFS, 0.001 7 1 1 1 1 ""
 41 Frozen: NFS, 0.001 7 1 1 1 1 ""
 39 "02008JA", "10", 0.001 71 1 1 1 0 "Tangerines-juice", "
 40 "03001AA", "14", 0.001 13 1 1 1 1 6 "Almonds", "
 11 Uncooked, 0.001 13 1 1 1 1 1 ""
 12 Cooked: NFS, 0.001 13 1 1 1 1 1 ""
 13 Baked, 0.001 13 1 1 1 1 ""
 14 Boiled, 0.001 13 1 1 1 1 ""
 18 Dried, 0.001 13 1 1 1 1 ""
 41 Frozen: NFS, 0.001 13 1 1 1 1 1 ""
 44 "03005AA", "14", 0.001 14 1 1 1 1 3 "Filberts (hazelnuts)",
 ""
 11 Uncooked, 0.001 14 1 1 1 1 1 ""
 13 Baked, 0.001 14 1 1 1 1 1 ""
 14 Boiled, 0.001 14 1 1 1 1 1 ""
 46 "03007AA", "14", 0.001 14 1 1 1 1 0 "Macadamia nuts (bush
 nuts)", "
 47 "03008AA", "14", 0.001 15 1 1 1 1 3 "Pecans", "
 11 Uncooked, 0.001 15 1 1 1 1 1 ""
 13 Baked, 0.001 15 1 1 1 1 1 ""
 14 Boiled, 0.001 15 1 1 1 1 1 ""
 48 "03009AA", "14", 0.001 16 1 1 1 1 3 "Walnuts", ""

11 Uncooked, 0.001 16 1 1 1 ""
 12 Cooked: NFS, 0.001 16 1 1 1 ""
 13 Baked, 0.001 16 1 1 1 ""
 52 "04001AA", "11", 0.001 17 1 1 1 11 "Apples", ""
 11 Uncooked, 0.001 17 1 1 1 ""
 12 Cooked: NFS, 0.001 17 1 0.15 1 ""
 13 Baked, 0.001 17 1 0.15 1 ""
 14 Boiled, 0.001 64 1 1 1 ""
 15 Fried, 0.001 17 1 0.15 1 ""
 18 Dried, 0.00656 0 0 1 1 "blended"
 31 Canned: NFS, 0.001 64 1 1 1 ""
 32 Canned: Cooked, 0.001 64 1 1 1 ""
 33 Canned: Baked, 0.001 64 1 1 1 ""
 34 Canned: Boiled, 0.001 64 1 1 1 ""
 42 Frozen: Cooked, 0.001 64 1 1 1 ""
 53 "04001DA", "11", 0.00656 60 1 1.2 1 4 "Apples-dried",
 "partially blended, 8x conc X 0.15"
 13 Baked, 0.00656 60 1 1.2 1 "partially blended, 8x conc
 X 0.15"
 14 Boiled, 0.00656 60 1 1.2 1 "partially blended, 8x
 conc X 0.15"
 18 Dried, 0.00656 60 1 1.2 1 "partially blended, 8x conc
 X 0.15"
 42 Frozen: Cooked, 0.00656 60 1 1.2 1 "partially
 blended, 8x conc X 0.15"
 54 "04001JA", "11", 0.001 18 1 1 1 5 "Apples-juice/cider",
 ""
 11 Uncooked, 0.001 18 1 1 1 ""
 12 Cooked: NFS, 0.001 18 1 1 1 ""
 14 Boiled, 0.001 18 1 1 1 ""
 31 Canned: NFS, 0.001 18 1 1 1 ""
 41 Frozen: NFS, 0.001 18 1 1 1 ""
 56 "04003AA", "11", 0.001 19 1 1 1 5 "Pears", ""
 11 Uncooked, 0.001 19 1 1 1 ""
 12 Cooked: NFS, 0.001 19 1 0.15 1 ""
 13 Baked, 0.001 19 1 0.15 1 ""
 14 Boiled, 0.001 19 1 0.15 1 ""
 31 Canned: NFS, 0.001 20 1 0.15 1 ""
 57 "04003DA", "11", 0.000965 20 1 0.94 1 3 "Pears-dried",
 "6.25 X .15 = .94"
 13 Baked, 0.000965 20 1 0.94 1 "6.25 X .15 = .94"
 14 Boiled, 0.000965 20 1 0.94 1 "6.25 X .15 = .94"

18 Dried, 0.000965 20 1 0.94 1 "6.25 X .15 = .94"
 61 "05002AA", "12", 0.001 21 1 1 1 1 7 "Cherries", "sweet"
 11 Uncooked, 0.001 21 1 1 1 "sweet"
 12 Cooked: NFS, 0.001 21 1 1 1 "sweet"
 13 Baked, 0.001 21 1 1 1 "sweet"
 14 Boiled, 0.001 21 1 1 1 "sweet"
 31 Canned: NFS, 0.001 22 1 1 1 "tart"
 33 Canned: Baked, 0.001 22 1 1 1 "tart"
 41 Frozen: NFS, 0.001 22 1 1 1 "tart"
 62 "05002DA", "12", 0.001 22 1 4 1 0 "Cherries-dried",
 "tart"
 63 "05002JA", "12", 0.00119 22 1 0.3 1 4 "Cherries-juice",
 "tart"
 13 Baked, 0.00119 22 1 0.3 1 "tart"
 14 Boiled, 0.00119 22 1 0.3 1 "tart"
 31 Canned: NFS, 0.00119 22 1 0.3 1 "tart"
 41 Frozen: NFS, 0.00119 22 1 0.3 1 "tart"
 64 "05003AA", "12", 0.001 23 1 1 1 1 "Nectarines", ""
 11 Uncooked, 0.001 23 1 1 1 ""
 65 "05004AA", "12", 0.001 24 1 1 1 6 "Peaches", ""
 11 Uncooked, 0.001 24 1 1 1 ""
 12 Cooked: NFS, 0.001 24 1 1 1 ""
 13 Baked, 0.001 24 1 1 1 ""
 14 Boiled, 0.001 24 1 1 1 ""
 31 Canned: NFS, 0.001 25 1 1 1 ""
 41 Frozen: NFS, 0.001 25 1 1 1 ""
 66 "05004DA", "12", 0.001228 69 1 7 1 2 "Peaches-dried", ""
 14 Boiled, 0.001228 69 1 7 1 ""
 18 Dried, 0.001228 69 1 7 1 ""
 67 "05005AA", "12", 0.001 26 1 1 1 5 "Plums (damsons)", ""
 11 Uncooked, 0.001 26 1 1 1 ""
 12 Cooked: NFS, 0.001 26 1 1 1 ""
 31 Canned: NFS, 0.001 73 1 1 1 ""
 42 Frozen: Cooked, 0.001 73 1 1 1 ""
 51 Cured: NFS (smoked/p, 0.001 73 1 1 1 "")
 68 "05005DA", "12", 0.001 27 1 5 1 4 "Plums-prunes (dried)",
 ""
 13 Baked, 0.001 27 1 5 1 ""
 14 Boiled, 0.001 27 1 5 1 ""
 18 Dried, 0.001 27 1 5 1 ""
 31 Canned: NFS, 0.001 27 1 5 1 ""
 69 "05005JA", "12", 0.00055 27 1 1.4 1 2

"Plums/prune-juice", ""

11 Uncooked, 0.00055 27 1 1.4 1 ""

31 Canned: NFS, 0.00055 27 1 1.4 1 ""

72 "06002AB", "0", 1 28 1 1 1 0 "Bananas", ""

73 "06002DA", "0", 1 28 1 3.9 1 0 "Bananas-dried", ""

78 "06005AA", "0", 0.0001 66 1 1 0.01 2 "Figs", ""

11 Uncooked, 0.0001 66 1 1 0.01 ""

13 Baked, 0.0001 66 1 1 0.01 ""

94 "06016AA", "0", 1 28 1 1 1 0 "Plantains-ripe", ""

97 "06018AA", "0", 0.001 29 1 0.15 1 2 "Kiwi fruit", ""

11 Uncooked, 0.001 29 1 0.15 1 ""

31 Canned: NFS, 0.001 29 1 0.15 1 ""

148 "10010AA", "9B", 0.001 30 1 1 1 3 "Cucumbers", ""

11 Uncooked, 0.001 30 1 1 1 ""

34 Canned: Boiled, 0.001 30 1 1 1 ""

60 Canned: Cured, 0.001 30 1 1 1 ""

149 "10011AA", "9B", 0.001 31 1 1 1 6 "Pumpkin", ""

12 Cooked: NFS, 0.001 31 1 1 1 ""

13 Baked, 0.001 31 1 1 1 ""

14 Boiled, 0.001 31 1 1 1 ""

15 Fried, 0.001 31 1 1 1 ""

33 Canned: Baked, 0.001 31 1 1 1 1 ""

34 Canned: Boiled, 0.001 31 1 1 1 1 ""

155 "11003AA", "8", 0.001 32 1 1 1 9

"Peppers-sweet(garden)", ""

11 Uncooked, 0.001 32 1 1 1 ""

12 Cooked: NFS, 0.001 32 1 1 1 1 ""

13 Baked, 0.001 32 1 1 1 ""

14 Boiled, 0.001 32 1 1 1 ""

31 Canned: NFS, 0.001 32 1 1 1 1 ""

32 Canned: Cooked, 0.001 32 1 1 1 1 ""

34 Canned: Boiled, 0.001 32 1 1 1 1 ""

42 Frozen: Cooked, 0.001 32 1 1 1 1 ""

51 Cured: NFS (smoked/p, 0.001 32 1 1 1 1 ""

156 "11003AB", "8", 0.001 32 1 1 1 13 "Peppers-chilli incl jalapeno", ""

11 Uncooked, 0.001 32 1 1 1 ""

12 Cooked: NFS, 0.001 32 1 1 1 1 ""

13 Baked, 0.001 32 1 1 1 ""

14 Boiled, 0.001 32 1 1 1 1 ""

15 Fried, 0.001 32 1 1 1 1 ""

31 Canned: NFS, 0.001 32 1 1 1 1 ""

32 Canned: Cooked, 0. 001 32 1 1 1 ""
 33 Canned: Baked, 0. 001 32 1 1 1 ""
 34 Canned: Boiled, 0. 001 32 1 1 1 ""
 42 Frozen: Cooked, 0. 001 32 1 1 1 ""
 51 Cured: NFS (smoked/p, 0. 001 32 1 1 1 ""
 52 Cured: Cooked(smokd/, 0. 001 32 1 1 1 ""
 60 Canned: Cured, 0. 001 32 1 1 1 ""
 157 "11003AD", "8", 0. 001 32 1 1 1 "Peppers-other", ""
 11 Uncooked, 0. 001 32 1 1 1 ""
 168 "13005AA", "5A", 0. 001 36 1 1 1 8 "Broccoli", ""
 11 Uncooked, 0. 001 36 1 1 1 ""
 12 Cooked: NFS, 0. 001 36 1 1 1 ""
 13 Baked, 0. 001 36 1 1 1 ""
 14 Boiled, 0. 001 36 1 1 1 ""
 15 Fried, 0. 001 36 1 1 1 ""
 32 Canned: Cooked, 0. 001 36 1 1 1 ""
 42 Frozen: Cooked, 0. 001 36 1 1 1 ""
 44 Frozen: Boiled, 0. 001 36 1 1 1 ""
 169 "13006AA", "5A", 0. 001 37 1 1 1 2 "Brussels sprouts", ""
 14 Boiled, 0. 001 37 1 1 1 ""
 42 Frozen: Cooked, 0. 001 37 1 1 1 ""
 170 "13007AA", "5A", 0. 001 38 1 1 1 8 "Cabbage-green and
red", ""
 11 Uncooked, 0. 001 38 1 1 1 ""
 12 Cooked: NFS, 0. 001 38 1 1 1 ""
 13 Baked, 0. 001 38 1 1 1 ""
 14 Boiled, 0. 001 38 1 1 1 ""
 15 Fried, 0. 001 38 1 1 1 ""
 31 Canned: NFS, 0. 001 38 1 1 1 ""
 32 Canned: Cooked, 0. 001 38 1 1 1 ""
 51 Cured: NFS (smoked/p, 0. 001 38 1 1 1 ""
 171 "13008AA", "5A", 0. 001 39 1 1 1 5 "Cauliflower", ""
 11 Uncooked, 0. 001 39 1 1 1 ""
 12 Cooked: NFS, 0. 001 39 1 1 1 ""
 14 Boiled, 0. 001 39 1 1 1 ""
 15 Fried, 0. 001 39 1 1 1 ""
 42 Frozen: Cooked, 0. 001 39 1 1 1 ""
 172 "13009AA", "5B", 0. 001 40 1 1 1 3 "Collards", ""
 14 Boiled, 0. 001 40 1 1 1 ""
 32 Canned: Cooked, 0. 001 40 1 1 1 ""
 42 Frozen: Cooked, 0. 001 40 1 1 1 ""
 174 "13011AA", "5B", 0. 001 41 1 1 1 3 "Kale", ""

12 Cooked: NFS, 0.001 41 1 1 1 1 ""
 14 Boiled, 0.001 41 1 1 1 1 ""
 32 Canned: Cooked, 0.001 41 1 1 1 1 ""
 175 "13012AA", "5A", 0.001 42 1 1 1 1 "Kohlrabi", ""
 14 Boiled, 0.001 42 1 1 1 1 ""
 183 "13021AA", "5B", 0.001 43 1 1 1 1 "Mustard greens", ""
 14 Boiled, 0.001 43 1 1 1 1 ""
 188 "13026AA", "2", 0.001 35 1 1 1 3 "Turnips-tops", ""
 14 Boiled, 0.001 35 1 1 1 1 ""
 32 Canned: Cooked, 0.001 35 1 1 1 1 ""
 44 Frozen: Boiled, 0.001 35 1 1 1 1 ""
 195 "13049AA", "0", 0.5 2 1 1.5 1 1 "Grapes-leaves", ""
 14 Boiled, 0.5 2 1 1.5 1 1 ""
 205 "14011AA", "3", 0.001 45 1 1 1 12 "Onions-dry-bulb
 (cipollini)", ""
 11 Uncooked, 0.001 45 1 1 1 1 ""
 12 Cooked: NFS, 0.001 45 1 1 1 1 ""
 13 Baked, 0.001 45 1 1 1 1 ""
 14 Boiled, 0.001 45 1 1 1 1 ""
 15 Fried, 0.001 45 1 1 1 1 ""
 31 Canned: NFS, 0.001 45 1 1 1 1 ""
 32 Canned: Cooked, 0.001 45 1 1 1 1 ""
 34 Canned: Boiled, 0.001 45 1 1 1 1 ""
 42 Frozen: Cooked, 0.001 45 1 1 1 1 ""
 43 Frozen: Baked, 0.001 45 1 1 1 1 ""
 44 Frozen: Boiled, 0.001 45 1 1 1 1 ""
 60 Canned: Cured, 0.001 45 1 1 1 1 ""
 206 "14011DA", "3", 0.000028 0 0 9 1 8 "Onions-dehydrated or
 dried", ""
 12 Cooked: NFS, 0.000028 0 0 9 1 1 ""
 13 Baked, 0.000028 0 0 9 1 1 ""
 14 Boiled, 0.000028 0 0 9 1 1 ""
 15 Fried, 0.000028 0 0 9 1 1 ""
 31 Canned: NFS, 0.000028 0 0 9 1 1 ""
 32 Canned: Cooked, 0.000028 0 0 9 1 1 ""
 34 Canned: Boiled, 0.000028 0 0 9 1 1 ""
 42 Frozen: Cooked, 0.000028 0 0 9 1 1 ""
 212 "14014AA", "1AB", 0.001 46 1 1 1 2 "Radishes-roots", ""
 11 Uncooked, 0.001 46 1 1 1 1 ""
 12 Cooked: NFS, 0.001 46 1 1 1 1 ""
 213 "14014AB", "2", 0.001 35 1 1 1 0 "Radishes-tops", ""
 214 "14015AA", "1AB", 0.001 44 1 1 1 0 "Rutabagas-roots", ""

218 "14018AA", "1CD", 0.001 44 1 1 1 6 "Sweet potatoes (incl
 yams)", "
 12 Cooked: NFS, 0.001 44 1 1 1 1 ""
 13 Baked, 0.001 44 1 1 1 1 ""
 14 Boiled, 0.001 44 1 1 1 1 ""
 15 Fried, 0.001 44 1 1 1 1 ""
 32 Canned: Cooked, 0.001 62 1 0.15 1 1 ""
 34 Canned: Boiled, 0.001 62 1 0.15 1 1 ""
 219 "14019AA", "1AB", 0.001 44 1 1 1 3 "Turnips- roots", "
 11 Uncooked, 0.001 44 1 1 1 1 ""
 12 Cooked: NFS, 0.001 44 1 1 1 1 ""
 14 Boiled, 0.001 44 1 1 1 1 ""
 227 "15001AA", "6C", 0.00025 0 0 1 1 0 "Beans- dry- great
 northern", "1/2tol eranceX%CT"
 228 "15001AB", "6C", 0.00025 0 0 1 1 0 "Beans- dry- ki dney",
 "1/2tol eranceX%CT"
 229 "15001AC", "6C", 0.00025 0 0 1 1 0 "Beans- dry- lima",
 "1/2tol eranceX%CT"
 230 "15001AD", "6C", 0.00025 0 0 1 1 0 "Beans- dry- navy
 (pea)", "1/2tol eranceX%CT"
 231 "15001AE", "6C", 0.00025 0 0 1 1 0 "Beans- dry- other",
 "1/2tol eranceX%CT"
 232 "15001AF", "6C", 0.00025 0 0 1 1 0 "Beans- dry- pinto",
 "1/2tol eranceX%CT"
 233 "15002AA", "6B", 1 48 1 1 1 6 "Beans- succulent- lima", "
 11 Uncooked, 1 48 1 1 1 1 ""
 12 Cooked: NFS, 1 48 1 1 1 1 ""
 14 Boiled, 1 48 1 1 1 1 ""
 32 Canned: Cooked, 1 54 1 1 1 1 ""
 42 Frozen: Cooked, 1 54 1 1 1 1 ""
 44 Frozen: Boiled, 1 54 1 1 1 1 ""
 234 "15003AA", "6A", 1 48 1 1 1 9 "Beans- succulent- green",
 "
 11 Uncooked, 1 48 1 1 1 1 ""
 12 Cooked: NFS, 1 48 1 1 1 1 ""
 14 Boiled, 1 48 1 1 1 1 ""
 31 Canned: NFS, 1 54 1 1 1 1 ""
 32 Canned: Cooked, 1 54 1 1 1 1 ""
 34 Canned: Boiled, 1 54 1 1 1 1 ""
 42 Frozen: Cooked, 1 54 1 1 1 1 ""
 44 Frozen: Boiled, 1 54 1 1 1 1 ""
 51 Cured: NFS (smoked/p, 1 54 1 1 1 1 """

235 "15003AB", "6A", 1 54 1 1 1 1 "Beans- succulent-other",
 ""
 34 Canned: Boiled, 1 54 1 1 1 1 ""
 236 "15003AC", "6A", 1 48 1 1 1 3
 "Beans- succulent-yellow/wax", ""
 14 Boiled, 1 48 1 1 1 1 ""
 32 Canned: Cooked, 1 54 1 1 1 1 ""
 42 Frozen: Cooked, 1 54 1 1 1 1 ""
 240 "15007AA", "6C", 0.00025 0 0 1 0.01 5 "Peas
 (garden) - dry", "1/2toleranceX%CT"
 12 Cooked: NFS, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 14 Boiled, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 31 Canned: NFS, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 32 Canned: Cooked, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 34 Canned: Boiled, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 241 "15009AA", "6AB", 0.001 51 1 1 1 11 "Peas
 (garden) - green", ""
 11 Uncooked, 0.001 51 1 1 1 1 ""
 12 Cooked: NFS, 0.001 51 1 1 1 1 ""
 13 Baked, 0.001 51 1 1 1 1 ""
 14 Boiled, 0.001 51 1 1 1 1 ""
 15 Fried, 0.001 51 1 1 1 1 ""
 31 Canned: NFS, 0.001 51 1 1 1 1 ""
 32 Canned: Cooked, 0.001 51 1 1 1 1 ""
 34 Canned: Boiled, 0.001 51 1 1 1 1 ""
 42 Frozen: Cooked, 0.001 51 1 1 1 1 ""
 44 Frozen: Boiled, 0.001 51 1 1 1 1 ""
 45 Frozen: Fried, 0.001 51 1 1 1 1 ""
 243 "15011AB", "6C", 0.00025 0 0 1 1 1 "Lentils",
 "1/2toleranceX%CT"
 14 Boiled, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 244 "15013AA", "6C", 0.00025 0 0 1 0.01 4 "Mung beans
 (sprouts)", "1/2toleranceX%CT"
 11 Uncooked, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 12 Cooked: NFS, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 14 Boiled, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 15 Fried, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 249 "15022AA", "6C", 0.00025 0 0 1 1 0
 "Beans- dry- broadbeans", "1/2toleranceX%CT"
 250 "15022AB", "6B", 1 48 1 1 1 0
 "Beans- succulent- broadbeans", ""
 251 "15023AA", "6C", 0.00025 0 0 1 1 0 "Beans- dry- pigeon

beans", "1/2tol eranceX%CT"
 253 "15027AA", "6", 1 48 1 1 1 0 "Beans- unspeci fied", ""
 255 "15029AA", "6A", 0. 00032 0 0 0.33 0.01 1
 "Soybeans- sprouted seeds", "
 14 Boiled, 0. 00032 0 0 0.33 0.01 ""
 256 "15030AA", "6C", 0. 00025 0 0 1 1 0 "Beans- dry- hyaci nth",
 "1/2tol eranceX%CT"
 257 "15030AB", "6", 1 48 1 1 1 0 "Beans- succulent- hyaci nth",
 ""
 258 "15031AA", "6C", 0. 00025 0 0 1 1 0 "Beans- dry- blackeye
 peas/cowpea", "1/2tol eranceX%CT"
 259 "15032AA", "6C", 0. 00025 0 0 1 1 0
 "Beans- dry- garbanzo/chick pea", "1/2tol eranceX%CT"
 260 "16002AA", "0", 0.001 52 1 1 1 4 "Asparagus", ""
 11 Uncooked, 0. 001 52 1 1 1 ""
 14 Boiled, 0. 001 52 1 1 1 ""
 32 Canned: Cooked, 0. 001 52 1 1 1 ""
 42 Frozen: Cooked, 0. 001 52 1 1 1 ""
 266 "24002EA", "15", 0. 00088 0 0 0.22 0.08 14 "Corn
 grain- endosperm", "
 11 Uncooked, 0. 00088 0 0 0.22 0.08 ""
 12 Cooked: NFS, 0. 00088 0 0 0.22 0.08 ""
 13 Baked, 0. 00088 0 0 0.22 0.08 ""
 14 Boiled, 0. 00088 0 0 0.22 0.08 ""
 15 Fried, 0. 00088 0 0 0.22 0.08 ""
 31 Canned: NFS, 0. 00088 0 0 0.22 0.08 ""
 32 Canned: Cooked, 0. 00088 0 0 0.22 0.08 ""
 33 Canned: Baked, 0. 00088 0 0 0.22 0.08 ""
 34 Canned: Boiled, 0. 00088 0 0 0.22 0.08 ""
 41 Frozen: NFS, 0. 00088 0 0 0.22 0.08 ""
 42 Frozen: Cooked, 0. 00088 0 0 0.22 0.08 ""
 43 Frozen: Baked, 0. 00088 0 0 0.22 0.08 ""
 45 Frozen: Fried, 0. 00088 0 0 0.22 0.08 ""
 99 Al coholt/Fermented/Di, 0. 00088 0 0 0.22 0.08 ""
 267 "24002HA", "15", 0. 00088 0 0 1 0.08 5 "Corn grain-bran",
 ""
 12 Cooked: NFS, 0. 00088 0 0 1 0.08 ""
 13 Baked, 0. 00088 0 0 1 0.08 ""
 14 Boiled, 0. 00088 0 0 1 0.08 ""
 15 Fried, 0. 00088 0 0 1 0.08 ""
 31 Canned: NFS, 0. 00088 0 0 1 0.08 ""
 268 "24002SA", "15", 0. 00088 0 0 0.05 0.08 1 "Corn

grain/sugar/hfcs", ""

98 Refined, 0.00088 0 0 0.05 0.08 ""

276 "24007AA", "15", 0.001 53 1 0.86 1 4 "Wheat- rough", ""

11 Uncooked, 0.001 53 1 0.86 1 ""

12 Cooked: NFS, 0.001 53 1 0.86 1 ""

13 Baked, 0.001 53 1 0.86 1 ""

14 Boiled, 0.001 53 1 0.026 1 ""

277 "24007GA", "15", 0.001 53 1 2.7 1 3 "Wheat- germ", "wheat rough file"

12 Cooked: NFS, 0.001 53 1 2.7 1 "wheat rough file"

13 Baked, 0.001 53 1 2.7 1 "wheat rough file"

14 Boiled, 0.001 53 1 0.026 1 "wheat rough file"

278 "24007HA", "15", 0.001 53 1 3 1 3 "Wheat- bran", "wheat rough file"

11 Uncooked, 0.001 53 1 3 1 "wheat rough file"

12 Cooked: NFS, 0.001 53 1 3 1 "wheat rough file"

13 Baked, 0.001 53 1 3 1 "wheat rough file"

279 "24007WA", "15", 0.001 53 1 0.145 1 14 "Wheat- flour", "wheat rough file"

11 Uncooked, 0.001 53 1 0.145 1 "wheat rough file"

12 Cooked: NFS, 0.001 53 1 0.145 1 "wheat rough file"

13 Baked, 0.001 53 1 0.145 1 "wheat rough file"

14 Boiled, 0.001 53 1 0.026 1 "wheat rough file"

15 Fried, 0.001 53 1 0.145 1 "wheat rough file"

31 Canned: NFS, 0.001 53 1 0.145 1 "wheat rough file"

32 Canned: Cooked, 0.001 53 1 0.145 1 "wheat rough file"

33 Canned: Baked, 0.001 53 1 0.145 1 "wheat rough file"

34 Canned: Boiled, 0.001 53 1 0.026 1 "wheat rough file"

41 Frozen: NFS, 0.001 53 1 0.145 1 "wheat rough file"

42 Frozen: Cooked, 0.001 53 1 0.145 1 "wheat rough file"

43 Frozen: Baked, 0.001 53 1 0.145 1 "wheat rough file"

45 Frozen: Fried, 0.001 53 1 0.145 1 "wheat rough file"

52 Cured: Cooked(smokd/, 0.001 53 1 0.145 1 "wheat rough file"

282 "25002SA", "1A", 0.00063 0 0 0.1 1 1 "Sugar- beet", ""

98 Refined, 0.00063 0 0 0.1 1 ""

287 "26011AA", "6C", 0.00025 0 0 1 0.01 1 "Guar beans", "1/2toleranceX%CT"

13 Baked, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"

289 "270020A", "15", 0.00088 0 0 4.5 1 1 "Corn grain- oil", "toleranceX%CT"

98 Refined, 0.00088 0 0 4.5 1 "toleranceX%CT"

290 "270030A", "0", 0.0027 0 0 1 0.06 1 "Cottonseed-oil",
 "field trial 0.12 ppm x 6% CT X .375"
 98 Refined, 0.0027 0 0 1 0.06 "field trial 0.12 ppm x 6%
 CT X .375"
 293 "270070A", "0", 0.001 0 0 2 1 1 "Peanuts-oil", ""
 98 Refined, 0.001 0 0 2 1 ""
 297 "270100A", "6A", 0.00032 0 0 0.14 1 1 "Soybeans-oil",
 "1995 AR x 1% CT"
 98 Refined, 0.00032 0 0 0.14 1 "1995 AR x 1% CT"
 298 "270110A", "0", 0.00046 0 0 1 1 1 "Sunflower-oil", "95AR
 x 1% CT, PF = 1"
 98 Refined, 0.00046 0 0 1 1 "95AR x 1% CT, PF = 1"
 303 "15023AA", "6A", 0.00032 0 0 1 1 0 "Soybean-other", ""
 304 "28023AB", "6A", 0.00032 0 0 1 1 5 "Soybeans-mature
 seeds dry", ""
 12 Cooked: NFS, 0.00032 0 0 1 1 ""
 13 Baked, 0.00032 0 0 1 1 ""
 14 Boiled, 0.00032 0 0 1 1 ""
 15 Fried, 0.00032 0 0 1 1 ""
 41 Frozen: NFS, 0.00032 0 0 1 1 ""
 305 "28023WA", "6A", 0.00032 0 0 1 1 5 "Soybeans-flour (full
 fat)", ""
 12 Cooked: NFS, 0.00032 0 0 1 1 ""
 13 Baked, 0.00032 0 0 1 1 ""
 14 Boiled, 0.00032 0 0 1 1 ""
 34 Canned: Boiled, 0.00032 0 0 1 1 ""
 42 Frozen: Cooked, 0.00032 0 0 1 1 ""
 306 "28023WB", "6A", 0.00032 0 0 1 1 4 "Soybeans-flour (low
 fat)", ""
 12 Cooked: NFS, 0.00032 0 0 1 1 ""
 13 Baked, 0.00032 0 0 1 1 ""
 15 Fried, 0.00032 0 0 1 1 ""
 31 Canned: NFS, 0.00032 0 0 1 1 ""
 307 "28023WC", "6A", 0.00032 0 0 1 1 8 "Soybeans-flour
 (defatted)", ""
 12 Cooked: NFS, 0.00032 0 0 1 1 ""
 13 Baked, 0.00032 0 0 1 1 ""
 14 Boiled, 0.00032 0 0 1 1 ""
 15 Fried, 0.00032 0 0 1 1 ""
 31 Canned: NFS, 0.00032 0 0 1 1 ""
 34 Canned: Boiled, 0.00032 0 0 1 1 ""
 42 Frozen: Cooked, 0.00032 0 0 1 1 ""

98	Refined,	0.00032	0	0	1	1	1	""
311	"280800A", "0",	2.16	0	0	1	1	1	"Peppermint-oil", "
	14	Boiled,	2.16	0	0	1	1	""
313	"280810A", "0",	2.16	0	0	1	1	0	"Spearmint-oil", "
315	"43058AA", "0",	0.00272	2	1	0.02	1	0	"Grapes-wine and sherry", "
317	"43060AA", "0",	0.001008	0	0	1	1	4	"Gelatin", "
12	Cooked:	NFS,	0.001008	0	0	1	1	""
13	Baked,	0.001008	0	0	1	1	""	
14	Boiled,	0.001008	0	0	1	1	""	
41	Frozen:	NFS,	0.001008	0	0	1	1	""
321	"53001BA", "M",	0.001	56	1	0.5	1	0	"Beef-meat byproducts", "marketbasket"
322	"53001BB", "M",	0.001	56	1	0.5	1	0	"Beef-other organ meats", "
323	"53001DA", "M",	0.001	56	1	0.96	1	0	"Beef-dried", "
324	"53001FA", "M",	0.001	56	1	2.5	1	0	"Beef-fat w/o bones", "
325	"53001KA", "M",	0.001	56	1	0.5	1	0	"Beef-kidney", "
326	"53001LA", "M",	0.001	56	1	0.5	1	0	"Beef-liver", "
327	"53001MA", "M",	0.001	56	1	0.5	1	0	"Beef-lean (fat/free) w/o bones", "
328	"53002BA", "M",	0.001	56	1	0.5	1	0	"Goat-meat byproducts", "
329	"53002BB", "M",	0.001	56	1	0.5	1	0	"Goat-other organ meats", "
330	"53002FA", "M",	0.001	56	1	2.5	1	0	"Goat-fat w/o bone", "
331	"53002KA", "M",	0.001	56	1	0.5	1	0	"Goat-kidney", "
332	"53002LA", "M",	0.001	56	1	0.5	1	0	"Goat-liver", "
333	"53002MA", "M",	0.001	56	1	0.5	1	0	"Goat-lean (fat/free) w/o bone", "
334	"53003AA", "M",	0.001	56	1	0.5	1	0	"Horsemeat", "
336	"53005BA", "M",	0.001	56	1	0.5	1	0	"Sheep-meat byproducts", "
337	"53005BB", "M",	0.001	56	1	0.5	1	0	"Sheep-other organ meats", "
338	"53005FA", "M",	0.001	56	1	2.5	1	0	"Sheep-fat w/o bone", "
339	"53005KA", "M",	0.001	56	1	0.5	1	0	"Sheep-kidney", "
340	"53005LA", "M",	0.001	56	1	0.5	1	0	"Sheep-liver", "
341	"53005MA", "M",	0.001	56	1	0.5	1	0	"Sheep-lean (fat

free) w/o bone", "

342 "53006BA", "M", 0.001 57 1 0.5 1 0 "Pork- meat byproducts", "market basket"

343 "53006BB", "M", 0.001 57 1 0.5 1 0 "Pork- other organ meats", "

344 "53006FA", "M", 0.001 57 1 2.5 1 0 "Pork- fat w/o bone", "

345 "53006KA", "M", 0.001 57 1 0.5 1 0 "Pork- kidney", "

346 "53006LA", "M", 0.001 57 1 0.5 1 0 "Pork- liver", "

347 "53006MA", "M", 0.001 57 1 0.5 1 0 "Pork- lean (fat free) w/o bone", "

355 "55008BA", "P", 0.000001 47 1 0.5 1 0 "Turkey- byproducts", "

356 "55008LA", "P", 0.000001 47 1 0.5 1 0 "Turkey- giblets (liver)", "

357 "55008MA", "P", 0.000013 61 1 0.5 1 0 "Turkey- -fat w/o bones", "

358 "55008MB", "P", 0.000001 47 1 0.5 1 0 "Turkey- lean/fat free w/o bones", "

360 "55013BA", "P", 0.000001 47 1 0.5 1 0 "Poultry- other- lean (fat free) w/o bone", "

361 "55013LA", "P", 0.000001 47 1 0.5 1 0 "Poultry- other- giblets(liver)", "

362 "55013MA", "P", 0.000013 61 1 0.5 1 0 "Poultry- other- fat w/o bones", "

363 "55014AA", "P", 0.000002 63 1 1 1 0 "Eggs- whole", "

364 "55014AB", "P", 0.000002 63 1 1 1 0 "Eggs- white only", "

365 "55014AC", "P", 0.000002 63 1 1 1 0 "Eggs- yolk only", "

366 "55015BA", "P", 0.000001 47 1 0.5 1 0 "Chicken- byproducts", "

367 "55015LA", "P", 0.000001 47 1 0.5 1 0 "Chicken- giblets(liver)", "

368 "55015MA", "P", 0.000013 61 1 0.5 1 0 "Chicken- fat w/o bones", "

369 "55015MB", "P", 0.000001 47 1 0.5 1 0 "Chicken- lean/fat free w/o bones", "

377 "04001JC", "11", 0.001 18 1 3 1 4 "Apples- juice- concentrate", "

12 Cooked: NFS, 0.001 18 1 3 1 ""

13 Baked, 0.001 18 1 3 1 ""

31 Canned: NFS, 0.001 18 1 3 1 ""

41 Frozen: NFS, 0.001 18 1 3 1 ""
 378 "06002NA", "0", 1 28 1 1 1 0 "Bananas-juice", ""
 379 "25002MD", "1A", 0.00063 0 0 1 1 1
 "Sugar-beet-molasses", ""
 98 Refined, 0.00063 0 0 1 1 ""
 383 "13007SA", "5B", 0.001 38 1 1 1 1 "Cabbage-savoy", ""
 12 Cooked: NFS, 0.001 38 1 1 1 ""
 385 "55015EL", "P", 0.000001 47 1 0.5 1 0 "Chicken-giblets
 (excl. liver)", ""
 388 "24002MD", "15", 0.00088 0 0 0.05 1 2 "Corn
 grain/sugar-molasses", ""
 12 Cooked: NFS, 0.00088 0 0 0.05 1 ""
 41 Frozen: NFS, 0.00088 0 0 0.05 1 ""
 389 "01010JC", "0", 0.0209 1 1 1 1 1
 "Cranberries-juice-concentrate", "3.3 X .3"
 31 Canned: NFS, 0.0209 1 1 1 1 "3.3 X .3"
 392 "01014JC", "0", 0.00272 2 1 0.9 1 5
 "Grapes-juice-concentrate", "(3.6/1.2)*0.3 CF"
 12 Cooked: NFS, 0.00272 2 1 0.9 1 "(3.6/1.2)*0.3 CF"
 13 Baked, 0.00272 2 1 0.9 1 "(3.6/1.2)*0.3 CF"
 14 Boiled, 0.00272 2 1 0.9 1 "(3.6/1.2)*0.3 CF"
 31 Canned: NFS, 0.00272 2 1 0.9 1 "(3.6/1.2)*0.3 CF"
 41 Frozen: NFS, 0.00272 2 1 0.9 1 "(3.6/1.2)*0.3 CF"
 402 "05004JA", "12", 0.001228 69 1 1 1 2 "Peaches-juice", ""
 11 Uncooked, 0.001228 69 1 1 1 ""
 31 Canned: NFS, 0.001228 69 1 1 1 ""
 403 "15006BT", "0", 0.001 65 1 1 1 2 "Peanuts-butter", ""
 13 Baked, 0.001 65 1 1 1 ""
 14 Boiled, 0.001 65 1 1 1 ""
 404 "04003NA", "11", 0.000965 20 1 1 1 7 "Pears-juice", ""
 11 Uncooked, 0.000965 20 1 1 1 ""
 12 Cooked: NFS, 0.000965 20 1 1 1 ""
 13 Baked, 0.000965 20 1 1 1 ""
 31 Canned: NFS, 0.000965 20 1 1 1 ""
 33 Canned: Baked, 0.000965 20 1 1 1 ""
 41 Frozen: NFS, 0.000965 20 1 1 1 ""
 42 Frozen: Cooked, 0.000965 20 1 1 1 ""
 405 "15008AA", "6B", 0.001 51 1 1 1 4
 "Peas-succulent/bleakeye/cowpea", ""
 12 Cooked: NFS, 0.001 51 1 1 1 ""
 14 Boiled, 0.001 51 1 1 1 ""
 32 Canned: Cooked, 0.001 51 1 1 1 ""

42 Frozen: Cooked, 0. 001 51 1 1 1 1 ""
 407 "14023AA", "1AB", 0. 001 46 1 1 1 1 "Radishes-japanese
 (dai ken)", "
 12 Cooked: NFS, 0. 001 46 1 1 1 1 ""
 413 "15009AB", "6A", 0. 001 48 1 1 1 5 "Snowpeas", "
 11 Uncooked, 0. 001 48 1 1 1 1 ""
 12 Cooked: NFS, 0. 001 48 1 1 1 1 ""
 14 Boiled, 0. 001 48 1 1 1 1 ""
 15 Fried, 0. 001 48 1 1 1 1 ""
 42 Frozen: Cooked, 0. 001 48 1 1 1 1 ""
 416 "01016JA", "0", 0. 00022 4 1 0. 3 1 5
 "Strawberries-juice", "
 11 Uncooked, 0. 00022 4 1 0. 3 1 1 ""
 12 Cooked: NFS, 0. 00022 4 1 0. 3 1 1 ""
 13 Baked, 0. 00022 4 1 0. 3 1 1 ""
 14 Boiled, 0. 00022 4 1 0. 3 1 1 ""
 31 Canned: NFS, 0. 00022 4 1 0. 3 1 1 ""
 417 "15018HA", "0", 0. 00046 68 1 1 1 2 "Sunflower-seeds",
 "AR x 1% CT"
 11 Uncooked, 0. 00046 68 1 1 1 "AR x 1% CT"
 13 Baked, 0. 00046 68 1 1 1 "AR x 1% CT"
 418 "14018LV", "2", 0. 001 35 1 1 1 0 "Sweet potatos-leaves",
 "
 420 "02008JC", "10", 0. 001 71 1 3. 2 1 0
 "Tangerines-juice-concentrate", "7. 35/2. 3"
 431 "030090L", "14", 0. 0195 0 0 1 1 0 "Walnut oil", "AR
 calcd from average of FT & %CT"
 437 "240070L", "15", 0. 001 53 1 1 1 0 "Wheat-germ oil",
 "wheat rough file"
 441 "02002JC", "10", 0. 001 72 1 3. 93 1 1
 "Grapefruit-juice-concentrate", "8. 26/2. 1"
 41 Frozen: NFS, 0. 001 72 1 3. 93 1 "8. 26/2. 1"
 442 "02004JC", "10", 0. 001 70 1 5. 7 1 6
 "Lemons-juice-concentrate", "11. 4/2"
 12 Cooked: NFS, 0. 001 70 1 5. 7 1 "11. 4/2"
 13 Baked, 0. 001 70 1 5. 7 1 "11. 4/2"
 14 Boiled, 0. 001 70 1 5. 7 1 "11. 4/2"
 31 Canned: NFS, 0. 001 70 1 5. 7 1 "11. 4/2"
 34 Canned: Boiled, 0. 001 70 1 5. 7 1 "11. 4/2"
 41 Frozen: NFS, 0. 001 70 1 5. 7 1 "11. 4/2"
 443 "02005JC", "10", 0. 001 71 1 3 1 2
 "Limes-juice-concentrate", "6/2"

12 Cooked: NFS, 0.001 71 1 3 1 "6/2"
 41 Frozen: NFS, 0.001 71 1 3 1 "6/2"
 448 "02002HA", "10", 0.001 6 1 8 1 0 "Grapefruit peel", "
 449 "No Code", "P", 0.000001 47 1 0.5 1 0 "Turkey-other
 organ meats", "
 451 "No Code", "5A", 0.001 36 1 1 1 1 "Broccoli-chinese", "
 14 Boiled, 0.001 36 1 1 1 ""
 452 "No Code", "5B", 0.001 59 1 1 1 5 "Bok choy", "
 11 Uncooked, 0.001 59 1 1 1 ""
 12 Cooked: NFS, 0.001 59 1 1 1 ""
 14 Boiled, 0.001 59 1 1 1 ""
 42 Frozen: Cooked, 0.001 59 1 1 1 ""
 51 Cured: NFS (smoked/p, 0.001 59 1 1 1 ""
 480 "06016GA", "0", 1 28 1 1 1 0 "Plantains-green", "
 481 "06016DA", "0", 1 28 1 3.9 1 0 "Plantains-dried", "
 482 "No Code", "0", 0.00032 0 0 1 1 11 "Soybeans-protein
 isolate", "
 12 Cooked: NFS, 0.00032 0 0 1 1 ""
 13 Baked, 0.00032 0 0 1 1 ""
 14 Boiled, 0.00032 0 0 1 1 ""
 15 Fried, 0.00032 0 0 1 1 ""
 31 Canned: NFS, 0.00032 0 0 1 1 ""
 32 Canned: Cooked, 0.00032 0 0 1 1 ""
 33 Canned: Baked, 0.00032 0 0 1 1 ""
 34 Canned: Boiled, 0.00032 0 0 1 1 ""
 41 Frozen: NFS, 0.00032 0 0 1 1 ""
 42 Frozen: Cooked, 0.00032 0 0 1 1 ""
 51 Cured: NFS (smoked/p, 0.00032 0 0 1 1 ""
 484 "No Code", "0", 0.001 46 1 1 1 0 "Radishes-oriental", "
 940 "No Code", "0", 0.001 58 1 1 1 5 "Peanuts-hulled", "
 12 Cooked: NFS, 0.001 58 1 1 1 ""
 13 Baked, 0.001 58 1 1 1 ""
 14 Boiled, 0.001 58 1 1 1 ""
 15 Fried, 0.001 58 1 1 1 ""
 41 Frozen: NFS, 0.001 58 1 1 1 ""

Attachment 2.b. Acute Dietary Exposure Analysis DEEM File, after mitigation, with Violative Residues on Carrots, Spinach, and Squash Included.

"Chlorpyrifos "

0

NEWMCD, 0.0005

NOEL, 0 0 0

06-16-2000/14:13:06

76

- 1 6 "CRANBERRY. RDF", 0
- 2 6 "cpygrapdomfl at01. rdf", 0
- 3 6 "reci trusoth. rdf", 0
- 4 6 "Straw. rdf", 0
- 5 6 "regrapefruit. rdf", 0
- 6 6 "CPYGrapeFruitNBC. RDF", 0
- 7 6 "CPYCitrusNBC. RDF", 0
- 8 6 "relemon. rdf", 0
- 9 6 "CPYlemonNBC. RDF", 0
- 10 6 "reorange. rdf", 0
- 11 6 "cpyorangeprocnbc. rdf", 0
- 12 6 "Juor. rdf", 0
- 13 6 "cpyalmon. RDF", 0
- 14 6 "cpynuts. RDF", 0
- 15 6 "cypypecan. RDF", 0
- 16 6 "cpywalnu. RDF", 0
- 17 6 "pearsstrun01. rdf", 0
- 18 6 "regApjui ce2zero23. rdf", 0
- 19 6 "cypyearsingleneNB. rdf", 0
- 20 6 "cpyPearNB-C. rdf", 0
- 21 6 "Cpychers. rdf", 0
- 22 6 "Cpychert. rdf", 0
- 23 6 "nectarine2000NB. rdf", 0
- 24 6 "peach2000NB. rdf", 0
- 25 6 "peachcan. rdf", 0
- 26 6 "pl um2000NB. rdf", 0
- 27 6 "cpypl umnb-c. rdf", 0
- 28 6 "CPYBANAN. rdf", 0
- 29 6 "ki wi dec. rdf", 0
- 30 6 "Cpycucu. rdf", 0
- 31 6 "Cypyump. rdf", 0
- 32 6 "Cpybel p. rdf", 0
- 33 6 "tomato2000. rdf", 0

```
34 6 "tomatoproc. rdf", 0
35 6 "cpyrootg. rdf", 0
36 6 "Cpybroccol i. rdf", 0
37 6 "CpyBruss. rdf", 0
38 6 "cpycabbg. rdf", 0
39 6 "cpycaul l. rdf", 0
40 6 "cpycol rd. rdf", 0
41 6 "cpykale. rdf", 0
42 6 "cpykohl r. rdf", 0
43 6 "cpymustr. rdf", 0
44 6 "sweetpot2000NB. rdf", 0
45 6 "cpyoni on. RDF", 0
46 6 "radi sh. rdf", 0
47 6 "CPYCHI CKEN. RDF", 0
48 6 "CPYGRBEN. rdf", 0
49 6 "cpyswcornf. rdf", 0
50 6 "cpyswcrp. rdf", 0
51 6 "cpysweetpeas. rdf", 0
52 6 "aspara3000. rdf", 0
53 6 "Cpywhpdp. rdf", 0
54 6 "grbeanproc. rdf", 0
55 6 "CPYMLK. rdf", 0
56 6 "cpyGB. rdf", 0
57 6 "CPYprksa. rdf", 0
58 6 "PEANUT. rdf", 0
59 6 "cpybokch. rdf", 0
60 6 "cpyPearNB-Ct01. rdf", 0
61 6 "CPYCHI CKFAT. RDF", 0
62 6 "sweetpot2000PB. rdf", 0
63 6 "Cpyegg. rdf", 0
64 6 "apsaucepbzero23. rdf", 0
65 6 "Pbutter. rdf", 0
66 6 "figs. rdf", 0
67 6 "mushroom. rdf", 0
68 6 "sunflower. rdf", 0
69 6 "cpypeachnb-c. rdf", 0
70 6 "Julemon. rdf", 0
71 6 "Juci trus. rdf", 0
72 6 "Jugrafru. rdf", 0
73 6 "plumcan. rdf", 0
74 6 "carrotpdp. RDF", 0
75 6 "cpyspinach. rdf", 0
```

76 6 "squaskpd. rdf", 0
 -1 "EPA analysis; de-composited PDP/FDA (FT)"
 999 1
 8 "01010AA", "0", 0.001 1 1 1 1 6 "Cranberries", "
 11 Uncooked, 0.001 1 1 1 1 ""
 12 Cooked: NFS, 0.001 1 1 1 1 ""
 13 Baked, 0.001 1 1 1 1 ""
 18 Dried, 0.001 1 1 1 1 ""
 31 Canned: NFS, 0.001 1 1 1 1 ""
 42 Frozen: Cooked, 0.001 1 1 1 1 ""
 9 "01010JA", "0", 0.0209 1 1 0.3 0.6 3 "Cranberries-juice", "
 11 Uncooked, 0.0209 1 1 0.3 0.6 ""
 12 Cooked: NFS, 0.0209 1 1 0.3 0.6 ""
 31 Canned: NFS, 0.0209 1 1 0.3 0.6 ""
 13 "01014AA", "0", 0.001 2 1 1 1 4 "Grapes", "
 11 Uncooked, 0.001 2 1 1 1 ""
 12 Cooked: NFS, 0.001 2 1 1 1 ""
 31 Canned: NFS, 0.001 2 1 1 1 ""
 41 Frozen: NFS, 0.001 2 1 1 1 ""
 14 "01014DA", "0", 0.001 2 1 0.17 1 6 "Grapes-raisins", "
 11 Uncooked, 0.001 2 1 0.17 1 ""
 12 Cooked: NFS, 0.001 2 1 0.17 1 ""
 13 Baked, 0.001 2 1 0.17 1 ""
 14 Boiled, 0.001 2 1 0.17 1 ""
 18 Dried, 0.001 2 1 0.17 1 ""
 42 Frozen: Cooked, 0.001 2 1 0.17 1 ""
 15 "01014JA", "0", 0.00272 2 1 0.3 1 6 "Grapes-juice", "
 11 Uncooked, 0.00272 2 1 0.3 1 ""
 12 Cooked: NFS, 0.00272 2 1 0.3 1 ""
 14 Boiled, 0.00272 2 1 0.3 1 ""
 31 Canned: NFS, 0.00272 2 1 0.3 1 ""
 34 Canned: Boiled, 0.00272 2 1 0.3 1 ""
 41 Frozen: NFS, 0.00272 2 1 0.3 1 ""
 17 "01016AA", "0", 0.001 4 1 1 1 7 "Strawberries", "
 11 Uncooked, 0.001 4 1 1 1 ""
 12 Cooked: NFS, 0.001 4 1 1 1 ""
 13 Baked, 0.001 4 1 1 1 ""
 14 Boiled, 0.001 4 1 1 1 ""
 31 Canned: NFS, 0.001 4 1 1 1 ""
 34 Canned: Boiled, 0.001 4 1 1 1 ""
 41 Frozen: NFS, 0.001 4 1 1 1 ""

20 "02001AA", "10", 0.001 3 1 1 1 2 "Citrus citron", "
 13 Baked, 0.001 3 1 1 1 ""
 14 Boiled, 0.001 3 1 1 1 ""
 22 "02002AB", "10", 0.001 5 1 1 1 3 "Grapefruit-peeled
 fruit", "
 11 Uncooked, 0.001 5 1 1 1 ""
 12 Cooked: NFS, 0.001 5 1 1 1 ""
 31 Canned: NFS, 0.001 6 1 1 1 ""
 23 "02002JA", "10", 0.001 72 1 1 1 2 "Grapefruit-juice", "
 11 Uncooked, 0.001 72 1 1 1 ""
 31 Canned: NFS, 0.001 72 1 1 1 ""
 24 "02003AA", "10", 0.001 7 1 1 1 0 "Kumquats", "
 26 "02004AB", "10", 0.001 8 1 1 1 3 "Lemons-peeled fruit",
 ""
 11 Uncooked, 0.001 8 1 1 1 ""
 12 Cooked: NFS, 0.001 8 1 1 1 ""
 31 Canned: NFS, 0.001 9 1 1 1 ""
 27 "02004HA", "10", 0.001 9 1 15 1 6 "Lemons-peel", "
 11 Uncooked, 0.001 9 1 15 1 ""
 13 Baked, 0.001 9 1 15 1 ""
 14 Boiled, 0.001 9 1 15 1 ""
 31 Canned: NFS, 0.001 9 1 15 1 ""
 34 Canned: Boiled, 0.001 9 1 15 1 ""
 41 Frozen: NFS, 0.001 9 1 15 1 ""
 28 "02004JA", "10", 0.001 70 1 1 1 10 "Lemons-juice", "
 11 Uncooked, 0.001 70 1 1 1 ""
 12 Cooked: NFS, 0.001 70 1 1 1 ""
 13 Baked, 0.001 70 1 1 1 ""
 14 Boiled, 0.001 70 1 1 1 ""
 15 Fried, 0.001 70 1 1 1 ""
 31 Canned: NFS, 0.001 70 1 1 1 ""
 32 Canned: Cooked, 0.001 70 1 1 1 ""
 34 Canned: Boiled, 0.001 70 1 1 1 ""
 41 Frozen: NFS, 0.001 70 1 1 1 ""
 42 Frozen: Cooked, 0.001 70 1 1 1 ""
 30 "02005AB", "10", 0.001 3 1 3 1 1 "Limes-peeled fruit", "
 11 Uncooked, 0.001 3 1 3 1 ""
 31 "02005HA", "10", 0.001 7 1 15 1 2 "Limes-peel", "
 13 Baked, 0.001 7 1 15 1 ""
 14 Boiled, 0.001 7 1 15 1 ""
 32 "02005JA", "10", 0.001 71 1 1 1 5 "Limes-juice", "
 11 Uncooked, 0.001 71 1 1 1 """

31 Canned: NFS, 0.001 71 1 1 1 1 ""
 32 Canned: Cooked, 0.001 71 1 1 1 1 ""
 34 Canned: Boiled, 0.001 71 1 1 1 1 ""
 41 Frozen: NFS, 0.001 71 1 1 1 1 ""
 33 "02006JC", "10", 0.001 12 1 3.72 1 0
 "Oranges-juice-concentrate", ""
 34 "02006AB", "10", 0.001 10 1 1 1 3 "Oranges-peeled fruit", ""
 11 Uncooked, 0.001 10 1 1 1 1 ""
 12 Cooked: NFS, 0.001 10 1 1 1 1 ""
 31 Canned: NFS, 0.001 11 1 1 1 1 ""
 35 "02006HA", "10", 0.001 11 1 15 1 4 "Oranges-peel", ""
 11 Uncooked, 0.001 11 1 15 1 1 ""
 12 Cooked: NFS, 0.001 11 1 15 1 1 ""
 31 Canned: NFS, 0.001 11 1 15 1 1 ""
 41 Frozen: NFS, 0.001 11 1 15 1 1 ""
 36 "02006JA", "10", 0.001 12 1 1 1 4 "Oranges-juice", ""
 11 Uncooked, 0.001 12 1 1 1 1 ""
 12 Cooked: NFS, 0.001 12 1 1 1 1 ""
 31 Canned: NFS, 0.001 12 1 1 1 1 ""
 41 Frozen: NFS, 0.001 12 1 1 1 1 ""
 37 "02007AA", "10", 0.001 3 1 1 1 0 "Tangelos", ""
 38 "02008AA", "10", 0.001 3 1 1 1 3 "Tangerines", ""
 11 Uncooked, 0.001 3 1 1 1 1 ""
 31 Canned: NFS, 0.001 7 1 1 1 1 ""
 41 Frozen: NFS, 0.001 7 1 1 1 1 ""
 39 "02008JA", "10", 0.001 71 1 1 1 0 "Tangerines-juice", ""
 40 "03001AA", "14", 0.001 13 1 1 1 1 6 "Almonds", ""
 11 Uncooked, 0.001 13 1 1 1 1 ""
 12 Cooked: NFS, 0.001 13 1 1 1 1 ""
 13 Baked, 0.001 13 1 1 1 1 ""
 14 Boiled, 0.001 13 1 1 1 1 ""
 18 Dried, 0.001 13 1 1 1 1 ""
 41 Frozen: NFS, 0.001 13 1 1 1 1 ""
 44 "03005AA", "14", 0.001 14 1 1 1 1 3 "Filberts (hazel nuts)", ""
 11 Uncooked, 0.001 14 1 1 1 1 ""
 13 Baked, 0.001 14 1 1 1 1 ""
 14 Boiled, 0.001 14 1 1 1 1 ""
 46 "03007AA", "14", 0.001 14 1 1 1 1 0 "Macadamia nuts (bush nuts)", ""
 47 "03008AA", "14", 0.001 15 1 1 1 1 3 "Pecans", ""

11 Uncooked, 0. 001 15 1 1 1 ""
 13 Baked, 0. 001 15 1 1 1 ""
 14 Boiled, 0. 001 15 1 1 1 ""
 48 "03009AA", "14", 0. 001 16 1 1 1 3 "Walnuts", ""
 11 Uncooked, 0. 001 16 1 1 1 ""
 12 Cooked: NFS, 0. 001 16 1 1 1 ""
 13 Baked, 0. 001 16 1 1 1 ""
 52 "04001AA", "11", 0. 001 17 1 1 1 11 "Apples", ""
 11 Uncooked, 0. 001 17 1 1 1 ""
 12 Cooked: NFS, 0. 001 17 1 0. 15 1 ""
 13 Baked, 0. 001 17 1 0. 15 1 ""
 14 Boiled, 0. 001 64 1 1 1 ""
 15 Fried, 0. 001 17 1 0. 15 1 ""
 18 Dried, 0. 00656 0 0 1 1 "blended"
 31 Canned: NFS, 0. 001 64 1 1 1 ""
 32 Canned: Cooked, 0. 001 64 1 1 1 ""
 33 Canned: Baked, 0. 001 64 1 1 1 ""
 34 Canned: Boiled, 0. 001 64 1 1 1 ""
 42 Frozen: Cooked, 0. 001 64 1 1 1 ""
 53 "04001DA", "11", 0. 00656 60 1 1. 2 1 4 "Apples-dried",
 "partially blended, 8x conc X 0. 15"
 13 Baked, 0. 00656 60 1 1. 2 1 "partially blended, 8x conc
 X 0. 15"
 14 Boiled, 0. 00656 60 1 1. 2 1 "partially blended, 8x
 conc X 0. 15"
 18 Dried, 0. 00656 60 1 1. 2 1 "partially blended, 8x conc
 X 0. 15"
 42 Frozen: Cooked, 0. 00656 60 1 1. 2 1 "partially
 blended, 8x conc X 0. 15"
 54 "04001JA", "11", 0. 001 18 1 1 1 5 "Apples-juice/cider",
 ""
 11 Uncooked, 0. 001 18 1 1 1 ""
 12 Cooked: NFS, 0. 001 18 1 1 1 ""
 14 Boiled, 0. 001 18 1 1 1 ""
 31 Canned: NFS, 0. 001 18 1 1 1 ""
 41 Frozen: NFS, 0. 001 18 1 1 1 ""
 56 "04003AA", "11", 0. 001 19 1 1 1 5 "Pears", ""
 11 Uncooked, 0. 001 19 1 1 1 ""
 12 Cooked: NFS, 0. 001 19 1 0. 15 1 ""
 13 Baked, 0. 001 19 1 0. 15 1 ""
 14 Boiled, 0. 001 19 1 0. 15 1 ""
 31 Canned: NFS, 0. 001 20 1 0. 15 1 ""

57 "04003DA", "11", 0.000965 20 1 0.94 1 3 "Pears-dried",
 "6.25 X .15 = .94"
 13 Baked, 0.000965 20 1 0.94 1 "6.25 X .15 = .94"
 14 Boiled, 0.000965 20 1 0.94 1 "6.25 X .15 = .94"
 18 Dried, 0.000965 20 1 0.94 1 "6.25 X .15 = .94"
 61 "05002AA", "12", 0.001 21 1 1 1 7 "Cherries", "sweet"
 11 Uncooked, 0.001 21 1 1 1 "sweet"
 12 Cooked: NFS, 0.001 21 1 1 1 "sweet"
 13 Baked, 0.001 21 1 1 1 "sweet"
 14 Boiled, 0.001 21 1 1 1 "sweet"
 31 Canned: NFS, 0.001 22 1 1 1 "tart"
 33 Canned: Baked, 0.001 22 1 1 1 "tart"
 41 Frozen: NFS, 0.001 22 1 1 1 "tart"
 62 "05002DA", "12", 0.001 22 1 4 1 0 "Cherries-dried",
 "tart"
 63 "05002JA", "12", 0.00119 22 1 0.3 1 4 "Cherries-juice",
 "tart"
 13 Baked, 0.00119 22 1 0.3 1 "tart"
 14 Boiled, 0.00119 22 1 0.3 1 "tart"
 31 Canned: NFS, 0.00119 22 1 0.3 1 "tart"
 41 Frozen: NFS, 0.00119 22 1 0.3 1 "tart"
 64 "05003AA", "12", 0.001 23 1 1 1 1 "Nectarines", ""
 11 Uncooked, 0.001 23 1 1 1 ""
 65 "05004AA", "12", 0.001 24 1 1 1 6 "Peaches", ""
 11 Uncooked, 0.001 24 1 1 1 ""
 12 Cooked: NFS, 0.001 24 1 1 1 ""
 13 Baked, 0.001 24 1 1 1 ""
 14 Boiled, 0.001 24 1 1 1 ""
 31 Canned: NFS, 0.001 25 1 1 1 ""
 41 Frozen: NFS, 0.001 25 1 1 1 ""
 66 "05004DA", "12", 0.001228 69 1 7 1 2 "Peaches-dried", ""
 14 Boiled, 0.001228 69 1 7 1 ""
 18 Dried, 0.001228 69 1 7 1 ""
 67 "05005AA", "12", 0.001 26 1 1 1 5 "Plums (damsons)", ""
 11 Uncooked, 0.001 26 1 1 1 ""
 12 Cooked: NFS, 0.001 26 1 1 1 ""
 31 Canned: NFS, 0.001 73 1 1 1 ""
 42 Frozen: Cooked, 0.001 73 1 1 1 ""
 51 Cured: NFS (smoked/p, 0.001 73 1 1 1 "")
 68 "05005DA", "12", 0.001 27 1 5 1 4 "Plums-prunes (dried)",
 ""
 13 Baked, 0.001 27 1 5 1 ""

14 Boiled, 0.001 27 1 5 1 ""
 18 Dried, 0.001 27 1 5 1 ""
 31 Canned: NFS, 0.001 27 1 5 1 ""
 69 "05005JA", "12", 0.00055 27 1 1.4 1 2
 "Plums/prune-juice", "
 11 Uncooked, 0.00055 27 1 1.4 1 ""
 31 Canned: NFS, 0.00055 27 1 1.4 1 ""
 72 "06002AB", "0", 1 28 1 1 1 0 "Bananas", ""
 73 "06002DA", "0", 1 28 1 3.9 1 0 "Bananas-dried", ""
 78 "06005AA", "0", 0.0001 66 1 1 0.01 2 "Figs", ""
 11 Uncooked, 0.0001 66 1 1 0.01 ""
 13 Baked, 0.0001 66 1 1 0.01 ""
 94 "06016AA", "0", 1 28 1 1 1 0 "Plantains-ripe", ""
 97 "06018AA", "0", 0.001 29 1 0.15 1 2 "Kiwi fruit", ""
 11 Uncooked, 0.001 29 1 0.15 1 ""
 31 Canned: NFS, 0.001 29 1 0.15 1 ""
 148 "10010AA", "9B", 0.001 30 1 1 1 3 "Cucumbers", ""
 11 Uncooked, 0.001 30 1 1 1 ""
 34 Canned: Boiled, 0.001 30 1 1 1 ""
 60 Canned: Cured, 0.001 30 1 1 1 ""
 149 "10011AA", "9B", 0.001 31 1 1 1 6 "Pumpkin", ""
 12 Cooked: NFS, 0.001 31 1 1 1 ""
 13 Baked, 0.001 31 1 1 1 ""
 14 Boiled, 0.001 31 1 1 1 ""
 15 Fried, 0.001 31 1 1 1 ""
 33 Canned: Baked, 0.001 31 1 1 1 ""
 34 Canned: Boiled, 0.001 31 1 1 1 ""
 150 "10013AA", "9B", 1 76 1 1 1 0 "Squash-summer", ""
 151 "10014AA", "9B", 1 76 1 1 1 0 "Squash-winter", ""
 155 "11003AA", "8", 0.001 32 1 1 1 9
 "Peppers-sweet(garden)", "
 11 Uncooked, 0.001 32 1 1 1 ""
 12 Cooked: NFS, 0.001 32 1 1 1 ""
 13 Baked, 0.001 32 1 1 1 ""
 14 Boiled, 0.001 32 1 1 1 ""
 31 Canned: NFS, 0.001 32 1 1 1 ""
 32 Canned: Cooked, 0.001 32 1 1 1 ""
 34 Canned: Boiled, 0.001 32 1 1 1 ""
 42 Frozen: Cooked, 0.001 32 1 1 1 ""
 51 Cured: NFS (smoked/p, 0.001 32 1 1 1 ""
 156 "11003AB", "8", 0.001 32 1 1 1 13 "Peppers-chilli incl
jalapeno", ""

11 Uncooked, 0. 001 32 1 1 1 1 ""
 12 Cooked: NFS, 0. 001 32 1 1 1 1 ""
 13 Baked, 0. 001 32 1 1 1 1 ""
 14 Boiled, 0. 001 32 1 1 1 1 ""
 15 Fried, 0. 001 32 1 1 1 1 ""
 31 Canned: NFS, 0. 001 32 1 1 1 1 ""
 32 Canned: Cooked, 0. 001 32 1 1 1 1 ""
 33 Canned: Baked, 0. 001 32 1 1 1 1 ""
 34 Canned: Boiled, 0. 001 32 1 1 1 1 ""
 42 Frozen: Cooked, 0. 001 32 1 1 1 1 ""
 51 Cured: NFS (smoked/p, 0. 001 32 1 1 1 1 ""
 52 Cured: Cooked(smokd/, 0. 001 32 1 1 1 1 ""
 60 Canned: Cured, 0. 001 32 1 1 1 1 ""
 157 "11003AD", "8", 0. 001 32 1 1 1 1 "Peppers-other", ""
 11 Uncooked, 0. 001 32 1 1 1 1 ""
 168 "13005AA", "5A", 0. 001 36 1 1 1 8 "Broccoli", ""
 11 Uncooked, 0. 001 36 1 1 1 1 ""
 12 Cooked: NFS, 0. 001 36 1 1 1 1 ""
 13 Baked, 0. 001 36 1 1 1 1 ""
 14 Boiled, 0. 001 36 1 1 1 1 ""
 15 Fried, 0. 001 36 1 1 1 1 ""
 32 Canned: Cooked, 0. 001 36 1 1 1 1 ""
 42 Frozen: Cooked, 0. 001 36 1 1 1 1 ""
 44 Frozen: Boiled, 0. 001 36 1 1 1 1 ""
 169 "13006AA", "5A", 0. 001 37 1 1 1 2 "Brussels sprouts", ""
 14 Boiled, 0. 001 37 1 1 1 1 ""
 42 Frozen: Cooked, 0. 001 37 1 1 1 1 ""
 170 "13007AA", "5A", 0. 001 38 1 1 1 8 "Cabbage-green and
 red", ""
 11 Uncooked, 0. 001 38 1 1 1 1 ""
 12 Cooked: NFS, 0. 001 38 1 1 1 1 ""
 13 Baked, 0. 001 38 1 1 1 1 ""
 14 Boiled, 0. 001 38 1 1 1 1 ""
 15 Fried, 0. 001 38 1 1 1 1 ""
 31 Canned: NFS, 0. 001 38 1 1 1 1 ""
 32 Canned: Cooked, 0. 001 38 1 1 1 1 ""
 51 Cured: NFS (smoked/p, 0. 001 38 1 1 1 1 ""
 171 "13008AA", "5A", 0. 001 39 1 1 1 5 "Cauliflower", ""
 11 Uncooked, 0. 001 39 1 1 1 1 ""
 12 Cooked: NFS, 0. 001 39 1 1 1 1 ""
 14 Boiled, 0. 001 39 1 1 1 1 ""
 15 Fried, 0. 001 39 1 1 1 1 ""

	42	Frozen:	Cooked,	0. 001	39	1	1	1	1	""
172	"13009AA", "5B",	0. 001	40	1	1	1	3	"Collards",	""	
	14	Boiled,	0. 001	40	1	1	1	1	""	
	32	Canned:	Cooked,	0. 001	40	1	1	1	1	""
	42	Frozen:	Cooked,	0. 001	40	1	1	1	1	""
174	"13011AA", "5B",	0. 001	41	1	1	1	1	3	"Kale",	""
	12	Cooked:	NFS,	0. 001	41	1	1	1	1	""
	14	Boiled,	0. 001	41	1	1	1	1	""	
	32	Canned:	Cooked,	0. 001	41	1	1	1	1	""
175	"13012AA", "5A",	0. 001	42	1	1	1	1	1	"Kohlrabi",	""
	14	Boiled,	0. 001	42	1	1	1	1	""	
183	"13021AA", "5B",	0. 001	43	1	1	1	1	1	"Mustard greens",	""
	14	Boiled,	0. 001	43	1	1	1	1	""	
186	"13024AA", "4A",	1	75	1	1	1	1	0	"Spinach",	""
188	"13026AA", "2",	0. 001	35	1	1	1	1	3	"Turnips-tops",	""
	14	Boiled,	0. 001	35	1	1	1	1	""	
	32	Canned:	Cooked,	0. 001	35	1	1	1	1	""
	44	Frozen:	Boiled,	0. 001	35	1	1	1	1	""
195	"13049AA", "0",	0. 5	2	1	1. 5	1	1	1	"Grapes-leaves",	""
	14	Boiled,	0. 5	2	1	1. 5	1	1	""	
198	"14003AA", "1AB",	1	74	1	1	1	1	0	"Carrots",	""
205	"14011AA", "3",	0. 001	45	1	1	1	1	12	"Onions-dry-bulb (cipollini)",	""
	11	Uncooked,	0. 001	45	1	1	1	1	""	
	12	Cooked:	NFS,	0. 001	45	1	1	1	1	""
	13	Baked,	0. 001	45	1	1	1	1	""	
	14	Boiled,	0. 001	45	1	1	1	1	""	
	15	Fried,	0. 001	45	1	1	1	1	""	
	31	Canned:	NFS,	0. 001	45	1	1	1	1	""
	32	Canned:	Cooked,	0. 001	45	1	1	1	1	""
	34	Canned:	Boiled,	0. 001	45	1	1	1	1	""
	42	Frozen:	Cooked,	0. 001	45	1	1	1	1	""
	43	Frozen:	Baked,	0. 001	45	1	1	1	1	""
	44	Frozen:	Boiled,	0. 001	45	1	1	1	1	""
	60	Canned:	Cured,	0. 001	45	1	1	1	1	""
206	"14011DA", "3",	0. 000028	0	0	9	1	8	"Onions-dehydrated or dried",	""	
	12	Cooked:	NFS,	0. 000028	0	0	9	1	""	
	13	Baked,	0. 000028	0	0	9	1	""		
	14	Boiled,	0. 000028	0	0	9	1	""		
	15	Fried,	0. 000028	0	0	9	1	""		
	31	Canned:	NFS,	0. 000028	0	0	9	1	""	

32 Canned: Cooked, 0. 000028 0 0 9 1 ""
 34 Canned: Boiled, 0. 000028 0 0 9 1 ""
 42 Frozen: Cooked, 0. 000028 0 0 9 1 ""
 212 "14014AA", "1AB", 0. 001 46 1 1 1 2 "Radishes- roots", ""
 11 Uncooked, 0. 001 46 1 1 1 ""
 12 Cooked: NFS, 0. 001 46 1 1 1 ""
 213 "14014AB", "2", 0. 001 35 1 1 1 0 "Radishes- tops", ""
 214 "14015AA", "1AB", 0. 001 44 1 1 1 0 "Rutabagas- roots", ""
 218 "14018AA", "1CD", 0. 001 44 1 1 1 6 "Sweet potatoes (incl
 yams)", ""
 12 Cooked: NFS, 0. 001 44 1 1 1 ""
 13 Baked, 0. 001 44 1 1 1 ""
 14 Boiled, 0. 001 44 1 1 1 ""
 15 Fried, 0. 001 44 1 1 1 ""
 32 Canned: Cooked, 0. 001 62 1 0. 15 1 ""
 34 Canned: Boiled, 0. 001 62 1 0. 15 1 ""
 219 "14019AA", "1AB", 0. 001 44 1 1 1 3 "Turnips- roots", ""
 11 Uncooked, 0. 001 44 1 1 1 ""
 12 Cooked: NFS, 0. 001 44 1 1 1 ""
 14 Boiled, 0. 001 44 1 1 1 ""
 227 "15001AA", "6C", 0. 00025 0 0 1 1 0 "Beans- dry- great
 northern", "1/2tol eranceX%CT"
 228 "15001AB", "6C", 0. 00025 0 0 1 1 0 "Beans- dry- ki dney",
 "1/2tol eranceX%CT"
 229 "15001AC", "6C", 0. 00025 0 0 1 1 0 "Beans- dry- lima",
 "1/2tol eranceX%CT"
 230 "15001AD", "6C", 0. 00025 0 0 1 1 0 "Beans- dry- navy
 (pea)", "1/2tol eranceX%CT"
 231 "15001AE", "6C", 0. 00025 0 0 1 1 0 "Beans- dry- other",
 "1/2tol eranceX%CT"
 232 "15001AF", "6C", 0. 00025 0 0 1 1 0 "Beans- dry- pinto",
 "1/2tol eranceX%CT"
 233 "15002AA", "6B", 1 48 1 1 1 6 "Beans- succulent- lima", ""
 11 Uncooked, 1 48 1 1 1 ""
 12 Cooked: NFS, 1 48 1 1 1 ""
 14 Boiled, 1 48 1 1 1 ""
 32 Canned: Cooked, 1 54 1 1 1 ""
 42 Frozen: Cooked, 1 54 1 1 1 ""
 44 Frozen: Boiled, 1 54 1 1 1 ""
 234 "15003AA", "6A", 1 48 1 1 1 9 "Beans- succulent- green",
 ""
 11 Uncooked, 1 48 1 1 1 ""

12 Cooked: NFS, 1 48 1 1 1 1 ""
 14 Boiled, 1 48 1 1 1 1 ""
 31 Canned: NFS, 1 54 1 1 1 1 ""
 32 Canned: Cooked, 1 54 1 1 1 1 ""
 34 Canned: Boiled, 1 54 1 1 1 1 ""
 42 Frozen: Cooked, 1 54 1 1 1 1 ""
 44 Frozen: Boiled, 1 54 1 1 1 1 ""
 51 Cured: NFS (smoked/p, 1 54 1 1 1 1 "")
 235 "15003AB", "6A", 1 54 1 1 1 1 "Beans- succulent-other",
 ""
 34 Canned: Boiled, 1 54 1 1 1 1 ""
 236 "15003AC", "6A", 1 48 1 1 1 3
 "Beans- succulent-yell low/wax", ""
 14 Boiled, 1 48 1 1 1 1 ""
 32 Canned: Cooked, 1 54 1 1 1 1 ""
 42 Frozen: Cooked, 1 54 1 1 1 1 ""
 240 "15007AA", "6C", 0.00025 0 0 1 0.01 5 "Peas
 (garden) - dry", "1/2toleranceX%CT"
 12 Cooked: NFS, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 14 Boiled, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 31 Canned: NFS, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 32 Canned: Cooked, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 34 Canned: Boiled, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 241 "15009AA", "6AB", 0.001 51 1 1 1 11 "Peas
 (garden) - green", ""
 11 Uncooked, 0.001 51 1 1 1 1 ""
 12 Cooked: NFS, 0.001 51 1 1 1 1 ""
 13 Baked, 0.001 51 1 1 1 1 ""
 14 Boiled, 0.001 51 1 1 1 1 ""
 15 Fried, 0.001 51 1 1 1 1 ""
 31 Canned: NFS, 0.001 51 1 1 1 1 ""
 32 Canned: Cooked, 0.001 51 1 1 1 1 ""
 34 Canned: Boiled, 0.001 51 1 1 1 1 ""
 42 Frozen: Cooked, 0.001 51 1 1 1 1 ""
 44 Frozen: Boiled, 0.001 51 1 1 1 1 ""
 45 Frozen: Fried, 0.001 51 1 1 1 1 ""
 243 "15011AB", "6C", 0.00025 0 0 1 1 1 "Lentils",
 "1/2toleranceX%CT"
 14 Boiled, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"
 244 "15013AA", "6C", 0.00025 0 0 1 0.01 4 "Mung beans
 (sprouts)", "1/2toleranceX%CT"
 11 Uncooked, 0.00025 0 0 1 0.01 "1/2toleranceX%CT"

12 Cooked: NFS, 0.00025 0 0 1 0.01 "1/2tol eranceX%CT"
 14 Boiled, 0.00025 0 0 1 0.01 "1/2tol eranceX%CT"
 15 Fried, 0.00025 0 0 1 0.01 "1/2tol eranceX%CT"
 249 "15022AA", "6C", 0.00025 0 0 1 1 0
 "Beans- dry- broadbeans", "1/2tol eranceX%CT"
 250 "15022AB", "6B", 1 48 1 1 1 0
 "Beans- succul ent- broadbeans", "
 251 "15023AA", "6C", 0.00025 0 0 1 1 0 "Beans- dry- pi geon
 beans", "1/2tol eranceX%CT"
 253 "15027AA", "6", 1 48 1 1 1 0 "Beans- unspecifi ed", "
 255 "15029AA", "6A", 0.00032 0 0 0.33 0.01 1
 "Soybeans- sprouted seeds", "
 14 Boiled, 0.00032 0 0 0.33 0.01 "
 256 "15030AA", "6C", 0.00025 0 0 1 1 0 "Beans- dry- hyaci nth",
 "1/2tol eranceX%CT"
 257 "15030AB", "6", 1 48 1 1 1 0 "Beans- succul ent- hyaci nth",
 "
 258 "15031AA", "6C", 0.00025 0 0 1 1 0 "Beans- dry- blackeye
 peas/cowpea", "1/2tol eranceX%CT"
 259 "15032AA", "6C", 0.00025 0 0 1 1 0
 "Beans- dry- garbanzo/chick pea", "1/2tol eranceX%CT"
 260 "16002AA", "0", 0.001 52 1 1 1 4 "Asparagus", "
 11 Uncooked, 0.001 52 1 1 1 "
 14 Boiled, 0.001 52 1 1 1 "
 32 Canned: Cooked, 0.001 52 1 1 1 "
 42 Frozen: Cooked, 0.001 52 1 1 1 "
 266 "24002EA", "15", 0.00088 0 0 0.22 0.08 14 "Corn
 grai n- endosperm", "
 11 Uncooked, 0.00088 0 0 0.22 0.08 "
 12 Cooked: NFS, 0.00088 0 0 0.22 0.08 "
 13 Baked, 0.00088 0 0 0.22 0.08 "
 14 Boiled, 0.00088 0 0 0.22 0.08 "
 15 Fried, 0.00088 0 0 0.22 0.08 "
 31 Canned: NFS, 0.00088 0 0 0.22 0.08 "
 32 Canned: Cooked, 0.00088 0 0 0.22 0.08 "
 33 Canned: Baked, 0.00088 0 0 0.22 0.08 "
 34 Canned: Boiled, 0.00088 0 0 0.22 0.08 "
 41 Frozen: NFS, 0.00088 0 0 0.22 0.08 "
 42 Frozen: Cooked, 0.00088 0 0 0.22 0.08 "
 43 Frozen: Baked, 0.00088 0 0 0.22 0.08 "
 45 Frozen: Fried, 0.00088 0 0 0.22 0.08 "
 99 Al coholt /Fermented/Di, 0.00088 0 0 0.22 0.08 "

267 "24002HA", "15", 0.00088 0 0 1 0.08 5 "Corn grain-bran",
 ""
 12 Cooked: NFS, 0.00088 0 0 1 0.08 ""
 13 Baked, 0.00088 0 0 1 0.08 ""
 14 Boiled, 0.00088 0 0 1 0.08 ""
 15 Fried, 0.00088 0 0 1 0.08 ""
 31 Canned: NFS, 0.00088 0 0 1 0.08 ""
 268 "24002SA", "15", 0.00088 0 0 0.05 0.08 1 "Corn
 grain/sugar/hfcs", ""
 98 Refined, 0.00088 0 0 0.05 0.08 ""
 276 "24007AA", "15", 0.001 53 1 0.86 1 4 "Wheat-rough", ""
 11 Uncooked, 0.001 53 1 0.86 1 ""
 12 Cooked: NFS, 0.001 53 1 0.86 1 ""
 13 Baked, 0.001 53 1 0.86 1 ""
 14 Boiled, 0.001 53 1 0.026 1 ""
 277 "24007GA", "15", 0.001 53 1 2.7 1 3 "Wheat-germ", "wheat
 rough file"
 12 Cooked: NFS, 0.001 53 1 2.7 1 "wheat rough file"
 13 Baked, 0.001 53 1 2.7 1 "wheat rough file"
 14 Boiled, 0.001 53 1 0.026 1 "wheat rough file"
 278 "24007HA", "15", 0.001 53 1 3 1 3 "Wheat-bran", "wheat
 rough file"
 11 Uncooked, 0.001 53 1 3 1 "wheat rough file"
 12 Cooked: NFS, 0.001 53 1 3 1 "wheat rough file"
 13 Baked, 0.001 53 1 3 1 "wheat rough file"
 279 "24007WA", "15", 0.001 53 1 0.145 1 14 "Wheat-flour",
 "wheat rough file"
 11 Uncooked, 0.001 53 1 0.145 1 "wheat rough file"
 12 Cooked: NFS, 0.001 53 1 0.145 1 "wheat rough file"
 13 Baked, 0.001 53 1 0.145 1 "wheat rough file"
 14 Boiled, 0.001 53 1 0.026 1 "wheat rough file"
 15 Fried, 0.001 53 1 0.145 1 "wheat rough file"
 31 Canned: NFS, 0.001 53 1 0.145 1 "wheat rough file"
 32 Canned: Cooked, 0.001 53 1 0.145 1 "wheat rough file"
 33 Canned: Baked, 0.001 53 1 0.145 1 "wheat rough file"
 34 Canned: Boiled, 0.001 53 1 0.026 1 "wheat rough file"
 41 Frozen: NFS, 0.001 53 1 0.145 1 "wheat rough file"
 42 Frozen: Cooked, 0.001 53 1 0.145 1 "wheat rough file"
 43 Frozen: Baked, 0.001 53 1 0.145 1 "wheat rough file"
 45 Frozen: Fried, 0.001 53 1 0.145 1 "wheat rough file"
 52 Cured: Cooked(smokd/, 0.001 53 1 0.145 1 "wheat rough
 file"

282 "25002SA", "1A", 0.00063 0 0 0.1 1 1 "Sugar-beet", ""
 98 Refined, 0.00063 0 0 0.1 1 ""

287 "26011AA", "6C", 0.00025 0 0 1 0.01 1 "Guar beans",
 "1/2tol eranceX%CT"

13 Baked, 0.00025 0 0 1 0.01 "1/2tol eranceX%CT"

289 "270020A", "15", 0.00088 0 0 4.5 1 1 "Corn grain-oil",
 "tol eranceX%CT"

98 Refined, 0.00088 0 0 4.5 1 "tol eranceX%CT"

290 "270030A", "0", 0.0027 0 0 1 0.06 1 "Cottonseed-oil",
 "field trial 0.12 ppm x 6% CT X .375"

98 Refined, 0.0027 0 0 1 0.06 "field trial 0.12 ppm x 6%
 CT X .375"

293 "270070A", "0", 0.001 0 0 2 1 1 "Peanuts-oil", ""

98 Refined, 0.001 0 0 2 1 ""

297 "270100A", "6A", 0.00032 0 0 0.14 1 1 "Soybeans-oil",
 "1995 AR x 1% CT"

98 Refined, 0.00032 0 0 0.14 1 "1995 AR x 1% CT"

298 "270110A", "0", 0.00046 0 0 1 1 1 "Sunflower-oil", "95AR
 x 1% CT, PF = 1"

98 Refined, 0.00046 0 0 1 1 "95AR x 1% CT, PF = 1"

303 "15023AA", "6A", 0.00032 0 0 1 1 0 "Soybean-other", ""

304 "28023AB", "6A", 0.00032 0 0 1 1 5 "Soybeans-mature
 seeds dry", ""

12 Cooked: NFS, 0.00032 0 0 1 1 ""

13 Baked, 0.00032 0 0 1 1 ""

14 Boiled, 0.00032 0 0 1 1 ""

15 Fried, 0.00032 0 0 1 1 ""

41 Frozen: NFS, 0.00032 0 0 1 1 ""

305 "28023WA", "6A", 0.00032 0 0 1 1 5 "Soybeans-flour (full
 fat)", ""

12 Cooked: NFS, 0.00032 0 0 1 1 ""

13 Baked, 0.00032 0 0 1 1 ""

14 Boiled, 0.00032 0 0 1 1 ""

34 Canned: Boiled, 0.00032 0 0 1 1 ""

42 Frozen: Cooked, 0.00032 0 0 1 1 ""

306 "28023WB", "6A", 0.00032 0 0 1 1 4 "Soybeans-flour (low
 fat)", ""

12 Cooked: NFS, 0.00032 0 0 1 1 ""

13 Baked, 0.00032 0 0 1 1 ""

15 Fried, 0.00032 0 0 1 1 ""

31 Canned: NFS, 0.00032 0 0 1 1 ""

307 "28023WC", "6A", 0.00032 0 0 1 1 8 "Soybeans-flour"

(defatted) ", "

12	Cooked:	NFS,	0. 00032	0	0	1	1	""
13	Baked,	0. 00032	0	0	1	1	""	
14	Boiled,	0. 00032	0	0	1	1	""	
15	Fried,	0. 00032	0	0	1	1	""	
31	Canned:	NFS,	0. 00032	0	0	1	1	""
34	Canned:	Boiled,	0. 00032	0	0	1	1	""
42	Frozen:	Cooked,	0. 00032	0	0	1	1	""
98	Refined,	0. 00032	0	0	1	1	""	
311	"280800A", "0", 2. 16	0	0	1	1	1	"Peppermint-oil", "	
14	Boiled,	2. 16	0	0	1	1	""	
313	"280810A", "0", 2. 16	0	0	1	1	0	"Spearmint-oil", "	
315	"43058AA", "0", 0. 00272	2	1	0. 02	1	0	"Grapes-wine and sherry", "	
317	"43060AA", "0", 0. 001008	0	0	1	1	4	"Gelatin", "	
12	Cooked:	NFS,	0. 001008	0	0	1	1	""
13	Baked,	0. 001008	0	0	1	1	""	
14	Boiled,	0. 001008	0	0	1	1	""	
41	Frozen:	NFS,	0. 001008	0	0	1	1	""
321	"53001BA", "M", 0. 001	56	1	0. 5	1	0	"Beef-meat byproducts", "marketbasket"	
322	"53001BB", "M", 0. 001	56	1	0. 5	1	0	"Beef-other organ meats", "	
323	"53001DA", "M", 0. 001	56	1	0. 96	1	0	"Beef-dried", "	
324	"53001FA", "M", 0. 001	56	1	2. 5	1	0	"Beef-fat w/o bones", "	
325	"53001KA", "M", 0. 001	56	1	0. 5	1	0	"Beef-kidney", "	
326	"53001LA", "M", 0. 001	56	1	0. 5	1	0	"Beef-liver", "	
327	"53001MA", "M", 0. 001	56	1	0. 5	1	0	"Beef-lean (fat/free) w/o bones", "	
328	"53002BA", "M", 0. 001	56	1	0. 5	1	0	"Goat-meat byproducts", "	
329	"53002BB", "M", 0. 001	56	1	0. 5	1	0	"Goat-other organ meats", "	
330	"53002FA", "M", 0. 001	56	1	2. 5	1	0	"Goat-fat w/o bone", "	
331	"53002KA", "M", 0. 001	56	1	0. 5	1	0	"Goat-kidney", "	
332	"53002LA", "M", 0. 001	56	1	0. 5	1	0	"Goat-liver", "	
333	"53002MA", "M", 0. 001	56	1	0. 5	1	0	"Goat-lean (fat/free) w/o bone", "	
334	"53003AA", "M", 0. 001	56	1	0. 5	1	0	"Horsemeat", "	
336	"53005BA", "M", 0. 001	56	1	0. 5	1	0	"Sheep-meat	

byproducts", ""

337	"53005BB", "M", 0.001	56	1	0.5	1	0	"Sheep-other organ
-----	-----------------------	----	---	-----	---	---	--------------------

meats", ""

338	"53005FA", "M", 0.001	56	1	2.5	1	0	"Sheep-fat w/o bone", "
-----	-----------------------	----	---	-----	---	---	-------------------------

339	"53005KA", "M", 0.001	56	1	0.5	1	0	"Sheep-kidney", "
-----	-----------------------	----	---	-----	---	---	-------------------

340	"53005LA", "M", 0.001	56	1	0.5	1	0	"Sheep-liver", "
-----	-----------------------	----	---	-----	---	---	------------------

341	"53005MA", "M", 0.001	56	1	0.5	1	0	"Sheep-lean (fat free) w/o bone", "
-----	-----------------------	----	---	-----	---	---	-------------------------------------

342	"53006BA", "M", 0.001	57	1	0.5	1	0	"Pork-meat byproducts", "market basket"
-----	-----------------------	----	---	-----	---	---	---

343	"53006BB", "M", 0.001	57	1	0.5	1	0	"Pork-other organ meats", "
-----	-----------------------	----	---	-----	---	---	-----------------------------

344	"53006FA", "M", 0.001	57	1	2.5	1	0	"Pork-fat w/o bone", "
-----	-----------------------	----	---	-----	---	---	------------------------

345	"53006KA", "M", 0.001	57	1	0.5	1	0	"Pork-kidney", "
-----	-----------------------	----	---	-----	---	---	------------------

346	"53006LA", "M", 0.001	57	1	0.5	1	0	"Pork-liver", "
-----	-----------------------	----	---	-----	---	---	-----------------

347	"53006MA", "M", 0.001	57	1	0.5	1	0	"Pork-lean (fat free) w/o bone", "
-----	-----------------------	----	---	-----	---	---	------------------------------------

355	"55008BA", "P", 0.000001	47	1	0.5	1	0	
-----	--------------------------	----	---	-----	---	---	--

"Turkey-byproducts", ""

356	"55008LA", "P", 0.000001	47	1	0.5	1	0	"Turkey-giblets (liver)", "
-----	--------------------------	----	---	-----	---	---	-----------------------------

357	"55008MA", "P", 0.000013	61	1	0.5	1	0	"Turkey-fat w/o bones", "
-----	--------------------------	----	---	-----	---	---	---------------------------

358	"55008MB", "P", 0.000001	47	1	0.5	1	0	"Turkey-lean/fat free w/o bones", "
-----	--------------------------	----	---	-----	---	---	-------------------------------------

360	"55013BA", "P", 0.000001	47	1	0.5	1	0	"Poultry-other-lean (fat free) w/o bone", "
-----	--------------------------	----	---	-----	---	---	---

361	"55013LA", "P", 0.000001	47	1	0.5	1	0	"Poultry-other-giblets(liver)", "
-----	--------------------------	----	---	-----	---	---	-----------------------------------

362	"55013MA", "P", 0.000013	61	1	0.5	1	0	"Poultry-other-fat w/o bones", "
-----	--------------------------	----	---	-----	---	---	----------------------------------

363	"55014AA", "P", 0.000002	63	1	1	1	0	"Eggs-whole", "
-----	--------------------------	----	---	---	---	---	-----------------

364	"55014AB", "P", 0.000002	63	1	1	1	0	"Eggs-white only", "
-----	--------------------------	----	---	---	---	---	----------------------

365	"55014AC", "P", 0.000002	63	1	1	1	0	"Eggs-yolk only", "
-----	--------------------------	----	---	---	---	---	---------------------

366	"55015BA", "P", 0.000001	47	1	0.5	1	0	
-----	--------------------------	----	---	-----	---	---	--

"Chicken-byproducts", ""

367	"55015LA", "P", 0.000001	47	1	0.5	1	0	"Chicken-giblets(liver)", "
-----	--------------------------	----	---	-----	---	---	-----------------------------

368	"55015MA", "P", 0.000013	61	1	0.5	1	0	"Chicken-fat w/o
-----	--------------------------	----	---	-----	---	---	------------------

bones", ""

369 "55015MB", "P", 0.000001 47 1 0.5 1 0 "Chicken-lean/fat
 free w/o bones", ""

377 "04001JC", "11", 0.001 18 1 3 1 4

"Apples-juice-concentrate", ""

12 Cooked: NFS, 0.001 18 1 3 1 ""
 13 Baked, 0.001 18 1 3 1 ""
 31 Canned: NFS, 0.001 18 1 3 1 ""
 41 Frozen: NFS, 0.001 18 1 3 1 ""

378 "06002NA", "0", 1 28 1 1 1 0 "Bananas-juice", ""

379 "25002MD", "1A", 0.00063 0 0 1 1 1

"Sugar-beet-molasses", ""

98 Refined, 0.00063 0 0 1 1 ""

383 "13007SA", "5B", 0.001 38 1 1 1 1 "Cabbage-savoy", ""

12 Cooked: NFS, 0.001 38 1 1 1 ""

385 "55015EL", "P", 0.000001 47 1 0.5 1 0 "Chicken-giblets
 (excl. liver)", ""

388 "24002MD", "15", 0.00088 0 0 0.05 1 2 "Corn
 grain/sugar-molasses", ""

12 Cooked: NFS, 0.00088 0 0 0.05 1 ""
 41 Frozen: NFS, 0.00088 0 0 0.05 1 ""

389 "01010JC", "0", 0.0209 1 1 1 1 1

"Cranberries-juice-concentrate", "3.3 X .3"

31 Canned: NFS, 0.0209 1 1 1 1 "3.3 X .3"

392 "01014JC", "0", 0.00272 2 1 0.9 1 5

"Grapes-juice-concentrate", "(3.6/1.2)*0.3 CF"

12 Cooked: NFS, 0.00272 2 1 0.9 1 "(3.6/1.2)*0.3 CF"
 13 Baked, 0.00272 2 1 0.9 1 "(3.6/1.2)*0.3 CF"
 14 Boiled, 0.00272 2 1 0.9 1 "(3.6/1.2)*0.3 CF"
 31 Canned: NFS, 0.00272 2 1 0.9 1 "(3.6/1.2)*0.3 CF"
 41 Frozen: NFS, 0.00272 2 1 0.9 1 "(3.6/1.2)*0.3 CF"

402 "05004JA", "12", 0.001228 69 1 1 1 2 "Peaches-juice", ""

11 Uncooked, 0.001228 69 1 1 1 ""

31 Canned: NFS, 0.001228 69 1 1 1 ""

403 "15006BT", "0", 0.001 65 1 1 1 2 "Peanuts-butter", ""

13 Baked, 0.001 65 1 1 1 ""

14 Boiled, 0.001 65 1 1 1 ""

404 "04003NA", "11", 0.000965 20 1 1 1 7 "Pears-juice", ""

11 Uncooked, 0.000965 20 1 1 1 ""

12 Cooked: NFS, 0.000965 20 1 1 1 ""

13 Baked, 0.000965 20 1 1 1 ""

31 Canned: NFS, 0.000965 20 1 1 1 ""

33 Canned: Baked, 0.000965 20 1 1 1 1 ""
 41 Frozen: NFS, 0.000965 20 1 1 1 1 ""
 42 Frozen: Cooked, 0.000965 20 1 1 1 1 ""
 405 "15008AA", "6B", 0.001 51 1 1 1 4
 "Peas-succulent/blackeye/cowpea", ""
 12 Cooked: NFS, 0.001 51 1 1 1 1 ""
 14 Boiled, 0.001 51 1 1 1 1 ""
 32 Canned: Cooked, 0.001 51 1 1 1 1 ""
 42 Frozen: Cooked, 0.001 51 1 1 1 1 ""
 407 "14023AA", "1AB", 0.001 46 1 1 1 1 "Radishes-japanese
(dai ken)", ""
 12 Cooked: NFS, 0.001 46 1 1 1 1 ""
 413 "15009AB", "6A", 0.001 48 1 1 1 5 "Snowpeas", ""
 11 Uncooked, 0.001 48 1 1 1 1 ""
 12 Cooked: NFS, 0.001 48 1 1 1 1 ""
 14 Boiled, 0.001 48 1 1 1 1 ""
 15 Fried, 0.001 48 1 1 1 1 ""
 42 Frozen: Cooked, 0.001 48 1 1 1 1 ""
 415 "10019AA", "9B", 1 76 1 1 1 0 "Squash-spaghetti", ""
 416 "01016JA", "0", 0.00022 4 1 0.3 1 5
 "Strawberries-juice", ""
 11 Uncooked, 0.00022 4 1 0.3 1 1 ""
 12 Cooked: NFS, 0.00022 4 1 0.3 1 1 ""
 13 Baked, 0.00022 4 1 0.3 1 1 ""
 14 Boiled, 0.00022 4 1 0.3 1 1 ""
 31 Canned: NFS, 0.00022 4 1 0.3 1 1 ""
 417 "15018HA", "0", 0.00046 68 1 1 1 2 "Sunflower-seeds",
 "AR x 1% CT"
 11 Uncooked, 0.00046 68 1 1 1 "AR x 1% CT"
 13 Baked, 0.00046 68 1 1 1 "AR x 1% CT"
 418 "14018LV", "2", 0.001 35 1 1 1 0 "Sweet potatoes-leaves",
 ""
 420 "02008JC", "10", 0.001 71 1 3.2 1 0
 "Tangerines-juice-concentrate", "7.35/2.3"
 431 "030090L", "14", 0.0195 0 0 1 1 0 "Walnut oil", "AR
calcd from average of FT & %CT"
 437 "240070L", "15", 0.001 53 1 1 1 0 "Wheat-germ oil",
 "wheat rough file"
 441 "02002JC", "10", 0.001 72 1 3.93 1 1
 "Grapefruit-juice-concentrate", "8.26/2.1"
 41 Frozen: NFS, 0.001 72 1 3.93 1 "8.26/2.1"
 442 "02004JC", "10", 0.001 70 1 5.7 1 6

"Lemons-juice-concentrate", "11.4/2"

12	Cooked:	NFS,	0.001	70	1	5.7	1	"11.4/2"
13	Baked,	0.001	70	1	5.7	1	"11.4/2"	
14	Boiled,	0.001	70	1	5.7	1	"11.4/2"	
31	Canned:	NFS,	0.001	70	1	5.7	1	"11.4/2"
34	Canned:	Boiled,	0.001	70	1	5.7	1	"11.4/2"
41	Frozen:	NFS,	0.001	70	1	5.7	1	"11.4/2"
443	"02005JC", "10",	0.001	71	1	3	1	2	

"Limes-juice-concentrate", "6/2"

12	Cooked:	NFS,	0.001	71	1	3	1	"6/2"
41	Frozen:	NFS,	0.001	71	1	3	1	"6/2"
448	"02002HA", "10",	0.001	6	1	8	1	0	"Grapefruit peel", "
449	"No Code", "P",	0.000001	47	1	0.5	1	0	"Turkey-other organ meats", "

451 "No Code", "5A", 0.001 36 1 1 1 1 "Broccoli-chinese", "

14	Boiled,	0.001	36	1	1	1	1	"
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452 "No Code", "5B", 0.001 59 1 1 1 1 5 "Bok choy", "

11	Uncooked,	0.001	59	1	1	1	1	"
12	Cooked:	NFS,	0.001	59	1	1	1	"
14	Boiled,	0.001	59	1	1	1	1	"
42	Frozen:	Cooked,	0.001	59	1	1	1	"
51	Cured:	NFS (smoked/p,	0.001	59	1	1	1	"

480 "06016GA", "0", 1 28 1 1 1 0 "Plantains-green", "

481 "06016DA", "0", 1 28 1 3.9 1 0 "Plantains-dried", "

482 "No Code", "0", 0.00032 0 0 1 1 11 "Soybeans-protein isolate", "

12	Cooked:	NFS,	0.00032	0	0	1	1	"
13	Baked,	0.00032	0	0	1	1	1	"
14	Boiled,	0.00032	0	0	1	1	1	"
15	Fried,	0.00032	0	0	1	1	1	"
31	Canned:	NFS,	0.00032	0	0	1	1	"
32	Canned:	Cooked,	0.00032	0	0	1	1	"
33	Canned:	Baked,	0.00032	0	0	1	1	"
34	Canned:	Boiled,	0.00032	0	0	1	1	"
41	Frozen:	NFS,	0.00032	0	0	1	1	"
42	Frozen:	Cooked,	0.00032	0	0	1	1	"
51	Cured:	NFS (smoked/p,	0.00032	0	0	1	1	"

484 "No Code", "0", 0.001 46 1 1 1 0 "Radishes-oriental", "

940 "No Code", "0", 0.001 58 1 1 1 5 "Peanuts-hulled", "

12	Cooked:	NFS,	0.001	58	1	1	1	"
13	Baked,	0.001	58	1	1	1	1	"
14	Boiled,	0.001	58	1	1	1	1	"

15 Fried, 0.001 58 1 1 1 ""
41 Frozen: NFS, 0.001 58 1 1 1 ""

Attachment 3. RDF Files. Note that these files include both the original unmitigated apple and grape files, and those used after mitigation.

APPLE-PDP-200	0.103166	0.04978	0.030714	0.020871
0-NB	0.10035	0.049125	0.030428	0.02083
TOTALZ=2110	0.099528	0.048773	0.030368	0.020687
TOTALLOD=13	0.097269	0.04802	0.030017	0.02064
79	0.097092	0.047266	0.029864	0.020427
LODRES=.00257	0.092759	0.047171	0.029411	0.020357
1.686713	0.092076	0.046219	0.02921	0.020276
1.440836	0.090171	0.046038	0.028967	0.020149
0.852918	0.089273	0.045375	0.028874	0.019953
0.818358	0.088083	0.04517	0.028608	0.019936
0.614394	0.085783	0.044915	0.028524	0.019722
0.566035	0.084363	0.044234	0.0283	0.019559
0.492055	0.084006	0.043632	0.028222	0.019497
0.436408	0.082943	0.043311	0.027874	0.019391
0.353963	0.082834	0.043203	0.027793	0.019232
0.351657	0.079331	0.042598	0.027178	0.019137
0.338061	0.078438	0.04184	0.027068	0.01899
0.334636	0.077764	0.04168	0.026901	0.018984
0.294862	0.076582	0.041574	0.026807	0.018792
0.281424	0.07558	0.041319	0.026589	0.018642
0.274082	0.074346	0.040615	0.026536	0.018481
0.273585	0.072266	0.040475	0.026255	0.018397
0.23153	0.072206	0.039717	0.026168	0.018319
0.228434	0.071271	0.03956	0.025651	0.018165
0.22769	0.069951	0.039031	0.025566	0.018039
0.218866	0.069421	0.038935	0.025477	0.018031
0.204511	0.068016	0.038606	0.025345	0.017777
0.2041	0.066826	0.038394	0.024895	0.01768
0.190799	0.066821	0.037346	0.024843	0.017494
0.18729	0.065677	0.037328	0.024771	0.017483
0.176598	0.065487	0.037207	0.024631	0.017385
0.172334	0.06419	0.037059	0.024436	0.01731
0.161551	0.063559	0.036667	0.024143	0.017242
0.161443	0.061796	0.036305	0.024104	0.017101
0.156516	0.061278	0.03598	0.023903	0.016949
0.155987	0.061234	0.035792	0.023748	0.016882
0.149684	0.060522	0.035375	0.023488	0.016839
0.145238	0.059752	0.035182	0.023241	0.016828
0.143491	0.059692	0.034758	0.023183	0.016478
0.140208	0.057524	0.034757	0.023105	0.016456
0.137244	0.057408	0.034173	0.022994	0.016425
0.131393	0.056434	0.033873	0.022724	0.016401
0.130981	0.056324	0.033664	0.022643	0.016181
0.129194	0.054625	0.033397	0.02251	0.016147
0.123665	0.054452	0.032747	0.022298	0.01603
0.121544	0.054138	0.032692	0.022185	0.015888
0.11734	0.053745	0.032205	0.022117	0.015855
0.117304	0.052689	0.032095	0.021902	0.015701
0.112512	0.052593	0.032053	0.021845	0.015673
0.111634	0.051886	0.031592	0.021618	0.015567
0.10608	0.050982	0.03152	0.021555	0.015505
0.106057	0.050633	0.031193	0.021322	0.015424
0.103805	0.050386	0.030876	0.021099	0.015223

0.015198	0.011094	0.008346	0.006339	0.004827
0.015149	0.011049	0.008285	0.006321	0.004823
0.015135	0.011006	0.008243	0.006275	0.004799
0.014959	0.010946	0.008177	0.00625	0.004756
0.014859	0.010858	0.008175	0.006184	0.004753
0.014773	0.01084	0.008112	0.006163	0.004713
0.014709	0.010778	0.008075	0.006147	0.004706
0.014634	0.010708	0.008052	0.006124	0.004681
0.014627	0.010693	0.008035	0.006072	0.004648
0.014393	0.010677	0.007952	0.006065	0.004632
0.014357	0.01057	0.007923	0.006041	0.004625
0.014304	0.010511	0.007898	0.00603	0.004583
0.014162	0.010448	0.007888	0.00598	0.004575
0.014033	0.010441	0.007771	0.00595	0.004547
0.014015	0.010296	0.00777	0.005884	0.004532
0.013974	0.010276	0.007749	0.005883	0.004507
0.013957	0.010252	0.007701	0.005855	0.004504
0.013816	0.010184	0.00765	0.005824	0.004448
0.013812	0.010101	0.007621	0.0058	0.004443
0.013643	0.010089	0.007602	0.005776	0.004431
0.013568	0.009988	0.007563	0.00574	0.004426
0.013446	0.009972	0.007526	0.005721	0.004386
0.013445	0.009883	0.007487	0.005689	0.004355
0.013267	0.009855	0.007436	0.005677	0.004347
0.013241	0.00981	0.007436	0.005628	0.004316
0.01323	0.009809	0.007374	0.00562	0.0043
0.013113	0.009709	0.007359	0.005605	0.00429
0.013003	0.009696	0.007306	0.005569	0.004272
0.012974	0.009617	0.007258	0.005538	0.004272
0.012861	0.009597	0.007203	0.005518	0.004226
0.012849	0.009504	0.00718	0.005487	0.004209
0.01271	0.009483	0.007173	0.00546	0.004187
0.0127	0.00945	0.00712	0.005427	0.004169
0.012614	0.009369	0.007079	0.005412	0.004138
0.012549	0.00931	0.007051	0.005398	0.004128
0.012505	0.009302	0.007034	0.005369	0.004115
0.012407	0.009251	0.007019	0.005317	0.00408
0.012343	0.009247	0.006957	0.005303	0.004074
0.01229	0.009132	0.006952	0.00529	0.00404
0.012176	0.009116	0.006869	0.005275	0.004013
0.01217	0.009045	0.006852	0.005232	0.004012
0.012076	0.009013	0.006837	0.005231	0.003996
0.012045	0.00891	0.00682	0.005187	0.003978
0.011944	0.008909	0.006724	0.005181	0.003954
0.011883	0.008866	0.006718	0.005133	0.003952
0.011871	0.008834	0.006677	0.005125	0.003921
0.011816	0.008791	0.006652	0.005076	0.003894
0.011714	0.008748	0.006592	0.005069	0.003882
0.011686	0.00872	0.006591	0.005049	0.003855
0.011624	0.008668	0.00657	0.00502	0.003833
0.01158	0.00862	0.006529	0.004987	0.003826
0.0115	0.008595	0.006481	0.00498	0.003811
0.011475	0.008534	0.006462	0.00496	0.003789
0.011367	0.00851	0.00646	0.00495	0.003767
0.011346	0.008468	0.006447	0.004899	0.003752
0.011245	0.008454	0.006363	0.004877	0.003724
0.011238	0.00838	0.006352	0.004842	0.003714

0.003693	0.002824	0.002129	0.00158	0.001126
0.003691	0.002804	0.002121	0.001569	0.001125
0.003664	0.002795	0.002104	0.001558	0.00112
0.003652	0.002787	0.002096	0.00154	0.00111
0.003624	0.002783	0.00209	0.00154	0.001102
0.003613	0.002754	0.002079	0.001533	0.001094
0.003597	0.002748	0.002068	0.001532	0.001083
0.003583	0.002727	0.002053	0.00151	0.001082
0.003557	0.002709	0.002036	0.001507	0.001074
0.003541	0.002695	0.002035	0.001499	0.001071
0.003527	0.002686	0.002026	0.001494	0.001065
0.003525	0.002678	0.00202	0.001479	0.001059
0.003495	0.002671	0.001997	0.001479	0.001052
0.003478	0.002645	0.001992	0.001468	0.001042
0.003465	0.002644	0.00198	0.00146	0.001031
0.003446	0.002627	0.001974	0.001451	0.001027
0.003432	0.002606	0.001956	0.001443	0.001023
0.003423	0.0026	0.001947	0.001436	0.001022
0.003409	0.002596	0.001941	0.001423	0.001007
0.003399	0.002574	0.001935	0.001417	0.001003
0.003349	0.002561	0.001925	0.001406	0.000995
0.003347	0.002552	0.001922	0.001391	0.000991
0.003328	0.002546	0.001899	0.00139	0.000986
0.003321	0.002518	0.001897	0.001388	0.000986
0.003313	0.002514	0.00187	0.001381	0.000973
0.003301	0.002499	0.001869	0.001363	0.000965
0.003279	0.002495	0.001862	0.001361	0.000957
0.003276	0.002476	0.001854	0.001356	0.000954
0.003233	0.002463	0.001845	0.001348	0.00094
0.003222	0.00245	0.00184	0.001341	0.000937
0.003215	0.002432	0.001823	0.00134	0.00093
0.003195	0.002419	0.001821	0.001318	0.000926
0.003179	0.002415	0.001796	0.001318	0.000923
0.003171	0.002397	0.00179	0.001301	0.000918
0.003136	0.002393	0.001782	0.001298	0.000904
0.00313	0.002383	0.001779	0.001286	0.000903
0.00312	0.002361	0.001758	0.001282	0.000891
0.003105	0.00236	0.001754	0.001278	0.000887
0.003076	0.002355	0.001749	0.001269	0.00088
0.003074	0.002331	0.001741	0.001262	0.00088
0.003063	0.002325	0.00173	0.001253	0.000871
0.003062	0.002305	0.001726	0.00125	0.000864
0.003041	0.002303	0.001702	0.001245	0.00086
0.003029	0.002281	0.001699	0.001234	0.000853
0.003002	0.002276	0.00169	0.001234	0.00085
0.002993	0.002247	0.001685	0.001214	0.000846
0.002975	0.002246	0.001669	0.00121	0.000836
0.002969	0.002241	0.001666	0.001206	0.000832
0.00295	0.002232	0.001657	0.001205	0.000822
0.002938	0.002206	0.001651	0.001186	0.000821
0.002902	0.002203	0.001633	0.001181	0.000812
0.002901	0.002195	0.001624	0.001173	0.000809
0.002897	0.002179	0.001609	0.00117	0.000801
0.002874	0.002178	0.001607	0.001159	0.000797
0.00286	0.002164	0.001601	0.001155	0.000784
0.002848	0.002147	0.00159	0.001147	0.000783
0.002841	0.002137	0.001582	0.001141	0.000778

0.000773	0.000478	0.00024	Single Apples -	0.031
0.000766	0.000475	0.000234	full set	0.033
0.000766	0.000472	0.000232	TOTALZ=177	0.033
0.000753	0.000466	0.000225	TOTALLOD=12	0.039
0.000748	0.000459	0.000224	5	0.04
0.000741	0.000455	0.000219	LODRES=0.0015	0.042
0.000739	0.000452	0.000214	0.005	0.042
0.000734	0.000449	0.000209	0.005	0.043
0.000725	0.000443	0.000205	0.005	0.045
0.000718	0.000442	0.000202	0.005	0.046
0.000716	0.000435	0.000197	0.005	0.048
0.000712	0.000435	0.000196	0.005	0.052
0.000711	0.00042	0.000194	0.005	0.056
0.000699	0.000417	0.000187	0.005	0.08
0.000693	0.000416	0.000186	0.005	0.081
0.000686	0.000413	0.000179	0.005	0.1
0.000681	0.000408	0.000176	0.005	0.11
0.00068	0.000407	0.000173	0.005	0.13
0.000671	0.000398	0.000169	0.005	0.13
0.000667	0.000394	0.000165	0.005	0.24
0.000663	0.000386	0.000165	0.005	0.24
0.000656	0.000383	0.000159	0.005	0.25
0.000652	0.00038	0.000158	0.005	0.35
0.000647	0.000375	0.000148	0.005	0.54
0.000642	0.000371	0.000148	0.005	
0.000636	0.000369	0.000142	0.005	APPLESAUCE-C
0.000633	0.000363	0.000142	0.005	HLORPYRIFOS
0.000627	0.000357	0.000136	0.005	TOTALZ=94
0.000619	0.000355	0.000135	0.005	TOTALLOD=10
0.000615	0.000355	0.000125	0.005	2
0.000614	0.000343	0.000124	0.005	LODRES=.001
0.000604	0.00034	0.00012	0.005	.004
0.0006	0.000338	0.000115	0.005	.004
0.000596	0.000336	0.000113	0.005	.004
0.000596	0.000331	0.00011	0.005	.004
0.000582	0.000325	0.000104	0.005	
0.000579	0.000321	0.000104	0.01	ASPARAGUS20
0.000574	0.00032	0.000096	0.01	00
0.000572	0.000309	0.000093	0.01	TOTALZ=1339
0.000563	0.000307	0.000091	0.011	TOTALLOD=15
0.00056	0.000306	0.000087	0.011	5
0.000553	0.000303	0.000082	0.013	LODRES=.00015
0.000551	0.000295	0.000077	0.014	2.44
0.000546	0.000293	0.000073	0.015	0.39
0.00054	0.000287	0.000069	0.015	0.355
0.000534	0.000283	0.000065	0.016	0.31
0.000533	0.000281	0.000064	0.017	0.25
0.000527	0.000275	0.000059	0.018	0.158
0.000526	0.000273	0.000055	0.018	0.087
0.000516	0.000267	0.000046	0.019	0.06
0.00051	0.000264	0.000044	0.019	0.054
0.000502	0.000264	0.00004	0.02	0.05
0.000502	0.000258	0.000034	0.02	0.04
0.000495	0.000256	0.000029	0.025	0.04
0.000493	0.000249	0.000026	0.027	0.026
0.000486	0.000245	0.000019	0.028	0.025
0.000486	0.000241	0.000005	0.031	0.01

0.01	0.017	0.016	0.15	0.027
0.0005	0.026	0.005	0.11	0.01
0.0005	0.005	0.005	0.028	0.027
0.0005	0.031	0.012	0.025	0.01
0.0005	0.005	0.01	0.033	0.031
0.0005	0.013	0.014	0.01	0.01
0.0005	0.005	0.005	0.01	0.01
0.0005	0.012	0.021	0.078	0.01
0.087	0.005	0.015	0.036	0.01
0.087	0.003	0.01	0.01	0.01
0.087	0.005	0.005	0.01	0.025
0.087	0.011	0.005	0.005	0.01
0.087	0.024	0.005	0.054	0.037
	0.005	0.005	0.012	0.01
CHLORPYRIFO	0.005	0.005	0.083	0.028
S-ALMONDS	0.044	0.038	0.005	0.01
TOTALZ=54	0.026	0.013	0.005	0.01
	0.058	0.005	0.012	0.012
	0.005	0.021	0.02	0.012
0.013	0.019	0.005	0.058	0.012
0.013	0.04	0.027	0.017	0.01
0.03	0.012	0.005	0.005	0.01
0.026	0.016	0.005	0.02	0.01
0.04	0.015	0.005	0.012	0.01
0.04	0.05	0.029	0.014	0.01
0.04	0.013	0.005	0.005	0.01
0.013	0.01	0.005	0.005	0.01
0.04	0.005	0.028	0.005	0.01
0.04	0.032	0.005	0.014	0.065
0.09	0.005	0.005	0.021	0.015
0.013	0.12	0.01	0.042	0.015
0.08	0.005	0.03	0.074	0.015
0.09	0.026	0.015	0.012	0.015
0.09	0.022	0.005	0.005	0.013
0.11	0.012	0.005	0.081	0.011
0.08	0.005	0.005	0.014	0.005
0.08	0.005	0.016	0.016	0.016
0.07	0.085	0.005	0.005	0.005
0.07	0.005	0.005	0.14	0.005
0.013	0.005	0.005	0.01	0.035
0.013	0.087	0.005	0.005	0.005
	0.041	0.005	0.005	0.005
APPLES -NB-C -	0.005	0.082	0.037	0.005
PDP	0.005	0.005	0.005	0.043
TOTALZ=897	0.043	0.005	0.01	0.005
TOTALLOD=58	0.07	0.055	0.01	0.026
6	0.019	0.032	0.042	0.005
LODRES=.0025	0.019	0.02	0.01	0.005
'CO-MINGLED;	0.042	0.029	0.01	0.005
53%CT	0.044	0.005	0.037	0.014
0.052	0.019	0.17	0.01	0.057
0.034	0.061	0.01	0.04	0.037
0.029	0.033	0.27	0.024	0.005
0.005	0.036	0.09	0.01	0.005
0.005	0.028	0.01	0.01	0.005
0.046	0.034	0.01	0.01	0.005
0.04	0.005	0.01	0.01	0.005

0.04	0.005	0.008	0.01	TOTALZ=95
0.1	0.005	0.014	0.01	TOTALNZ=1
0.005	0.033	0.013	0.01	
0.005	0.015	0.017	0.083	0.200
0.087	0.005	0.13	0.082	
0.021	0.005	0.003	0.01	BROCCOLI-CHL
0.044	0.011	0.1	0.01	ORPYRIFOS
0.42	0.063	0.003	0.067	TOTALZ=333
0.018	0.23	0.031	0.01	TOALLOD=335
0.05	0.11	0.005	0.01	LODRES=0.0026
0.019	0.007	0.005	0.016	9
0.005	0.028	0.018	0.022	0.025
0.005	0.006	0.014	0.007	0.019
0.005	0.09	0.005	0.018	0.014
0.005	0.08	0.005	0.007	0.01
0.01	0.07	0.049	0.099	0.01
0.047	0.049	0.01	0.007	0.005
0.005	0.015	0.005	0.007	0.005
0.005	0.027	0.005	0.007	0.005
0.011	0.01	0.023		0.005
0.005	0.007	0.005	BANANA-CHLO	0.005
0.18	0.013	0.005	R PYRIFOS PDP	0.005
0.12	0.007	0.005	1126 RESULTS	
0.033	0.007	0.01	TOTALZ=969	BRUSSELS PRO
0.033	0.01	0.025	T0TALLOD=157	UTS-CHLORPY
0.11	0.041	0.028	LODRES=0.0030	RIFOS
0.034	0.01	0.058	3	TOTALZ=34
0.033	0.01	0.022	0.00303	TOALLOD=335
0.04	0.01	0.005		LODRES=0.0026
0.04	0.01	0.005	PEPPERS-BELL-	9
0.015	0.01	0.005	CHOLPYRIFOS	
0.01	0.14	0.034	FDA	0.025
0.01	0.049	0.005	TOTALZ=349	0.019
0.03	0.027	0.005		0.014
0.074	0.01	0.047		0.01
0.01	0.032	0.021	0.08	0.01
0.01	0.09	0.013	0.00015	0.005
0.01	0.01	0.01	0.930	0.005
0.032	0.01	0.069	0.040	0.005
0.01	0.028	0.005	0.030	0.005
0.01	0.11	0.017	0.00015	0.005
0.01	0.007	0.039	0.016	0.005
0.089	0.031	0.009	0.064	
0.031	0.007	0.012	0.260	CHLORPYRIFO
0.01	0.007	0.035	0.00015	S-CABBAGE
0.01	0.014	0.024	0.770	TOTALZ=378
0.01	0.086	0.007	0.090	TOTALLOD=10
0.045	0.007	0.009	0.100	5
0.01	0.014	0.003	0.170	LODRES=0.0001
0.034	0.007	0.032	0.250	5
0.01	0.007	0.04	0.200	0.070
0.018	0.007	0.032	0.020	0.120
0.013	0.007	0.003	0.040	0.005
0.005	0.018	0.11	0.00015	
0.013	0.024	0.028		CHLORPYRIFO
0.005	0.007	0.01		S-BOKCHOI
0.095	0.017	0.1		

0.010	CHLORPYRIFO	0.006	0.005	TOTALZ=403
0.120	S-CHICKEN	0.005	0.005	TOTALLOD=3
0.135	TOTALZ=90	0.005	0.005	LODRES=0.000
0.163	TOTALFREQ=1	0.005	0.005	15
0.043		0.005	0.005	0.080
	10, 0.000063	0.005	0.005	
		0.005	0.005	CHLORPYRIFO
CHLOPYRIFOS-		0.005	0.005	S-COLLARDS
CAULIFLOWER	CHLORPYRIFO	0.005	0.005	TOTALZ=128
TOTALZ=164	S-CHICKENFAT	0.005	0.005	TOTALLOD=15
TOTALLOD=91	TOTALZ=90	0.005	0.005	LODRES=0.000
LODRES=0.000	TOTALFREQ=1	0.005	0.005	15
15		0.005	0.005	0.0005
.00015	10, 0.000672	0.005	0.005	0.020
		0.005	0.005	0.180
	CHLORPYRIFO	0.005	0.005	0.020
CHERRY-CHLO	S-OTHER	0.005	0.005	
RPYRIFOS-SWE	CITRUS-COMIN	0.005	0.005	
ET	GLED	0.005	0.005	CHLORPYRIFO
TOTALZ=312	TOTALZ=763	0.005	0.005	S-EGG
TOTALLOD=43	TOTALLOD=21	0.005	0.005	TOTALZ=90
LODRES=0.000	5	0.005	0.005	TOTALFREQ=1
15	LODRES=0.002	0.005	0.005	
TOTALFREQ=1	1	0.005	0.005	10, 0.000105
45, 0.0005	0.028	0.005	0.005	
0.257	0.023	0.005	0.005	
0.050	0.02	0.005	0.005	GROUND BEEF
0.034	0.019	0.005	0.005	- MARKET
0.029	0.019	0.005	0.005	BASKET,
0.028	0.019	0.005	0.005	AVERAGE IS
0.020	0.019	0.005	0.005	0.001008
0.018	0.016	0.005	0.005	TOTALZ=160
0.010	0.016	0.005	0.005	TOTALLOD=39
0.010	0.016	0.005	0.005	LODRES=.001
0.010	0.015	0.005	0.005	0.0025
	0.013	0.005	0.005	
	0.012	0.005	0.005	
CHERRY-CHLO	0.012	0.005	0.005	GRAPE-CHLOR
RPYRIFOS-TAR	0.012	0.005	0.005	PYRIFOS
T	0.011	0.005	0.005	TOTALZ=1722
TOTALZ=353	0.011	0.005	0.005	
TOTALLOD=2	0.011	0.005	0.005	
LODRES=0.000	0.011	0.005	0.005	0.44
15	0.01	0.005	0.005	0.42
TOTALFREQ=1	0.01	0.005	0.005	0.26
45, 0.0005	0.01	0.005	0.005	0.24
0.257	0.007	0.005	0.005	0.16
0.050	0.007	0.005	0.005	0.16
0.034	0.007	0.005	0.005	0.11
0.029	0.007	0.005	0.005	0.11
0.028	0.007	0.005	0.005	0.11
0.020	0.007	0.005	0.005	0.098
0.018	0.007	0.005	0.003	0.097
0.010	0.007	0.005	0.003	0.091
0.010	0.007	0.005		0.088
0.010	0.007	0.005	CUCUMBERS-C	0.081
	0.006	0.005	HLORPYRIFOS	0.072

0.07	0.015	0.005	0.011	0.005
0.068	0.015	0.005	0.011	0.005
0.067	0.015	0.005	0.011	0.005
0.065	0.015	0.005	0.011	0.005
0.064	0.015	0.005	0.01	0.005
0.062	0.015	0.005	0.01	0.005
0.059	0.015	0.005	0.01	0.005
0.058	0.014	0.005	0.007	0.005
0.054	0.014	0.005	0.007	0.005
0.052	0.014	0.005	0.007	0.005
0.052	0.013	0.005	0.007	0.005
0.05	0.013	0.005	0.007	0.005
0.049	0.01	0.005	0.007	0.005
0.048	0.01	0.005	0.007	0.005
0.045	0.01	0.005	0.007	0.005
0.045	0.01	0.005	0.007	0.005
0.044	0.01	0.005	0.006	0.005
0.043	0.01	0.005	0.006	0.005
0.043	0.01	0.005	0.005	0.005
0.042	0.01	0.005	0.005	0.005
0.039	0.01	0.005	0.005	0.005
0.038	0.01	0.005	0.005	0.005
0.035	0.01	0.005	0.005	0.005
0.035	0.01	0.005	0.005	0.005
0.034	0.007	0.005	0.005	0.005
0.033	0.005	0.005	0.005	0.005
0.031	0.005	0.005	0.005	0.005
0.029	0.005	0.005	0.005	0.005
0.028	0.005	0.005	0.005	0.005
0.028	0.005	0.005	0.005	0.005
0.027	0.005	0.005	0.005	0.005
0.025	0.005	0.005	0.005	0.005
0.025	0.005	0.005	0.005	0.005
0.024	0.005	S-GRAPEFRUIT	0.005	0.005
0.023	0.005	-COMINGLED	0.005	0.005
0.023	0.005	TOTALZ=1885	0.005	0.005
0.02	0.005	TOTALLOD=21	0.005	0.005
0.019	0.005	5	0.005	0.005
0.019	0.005	LODRES=0.002	0.005	0.005
0.019	0.005	137	0.005	0.005
0.019	0.005	0.028	0.005	0.005
0.019	0.005	0.023	0.005	0.005
0.019	0.005	0.02	0.005	0.005
0.019	0.005	0.019	0.005	0.005
0.019	0.005	0.019	0.005	0.005
0.019	0.005	0.019	0.005	0.005
0.019	0.005	0.019	0.005	0.005
0.017	0.005	0.016	0.005	0.005
0.017	0.005	0.016	0.005	0.005
0.016	0.005	0.016	0.005	0.005
0.016	0.005	0.015	0.005	0.005
0.016	0.005	0.013	0.005	0.005
0.015	0.005	0.012	0.005	0.005
0.015	0.005	0.012	0.005	0.005
0.015	0.005	0.012	0.005	0.005

0.005	CHLORPYRIFO	0.005	0.005	CHLORPYRIFO
0.005	S-LEMONS-CO	0.005	0.005	S-OTHERTREE
0.005	MINGLED	0.005	0.005	NUTS
0.005	TOTALZ=476	0.005	0.005	TOTALZ=222
0.005	TOTALLOD=21	0.005	0.005	
0.005	5	0.005	0.005	
0.005	LODRES=0.002	0.005	0.005	0.013
0.005	137	0.005	0.005	0.013
0.005	0.028	0.005	0.005	0.03
0.005	0.023	0.005	0.005	0.026
0.005	0.02	0.005	0.005	0.04
0.005	0.019	0.005	0.005	0.04
0.005	0.019	0.005	0.005	0.04
0.003	0.019	0.005	0.005	0.013
0.003	0.019	0.005	0.005	0.04
	0.016	0.005	0.005	0.04
GREEN-BEANS	0.016	0.005	0.005	0.09
-CHLORPYRIF	0.016	0.005	0.005	0.013
OS	0.015	0.005	0.005	0.08
TOTALZ=1166	0.013	0.005	0.005	0.09
TOTALLOD=11	0.012	0.005	0.005	0.09
LODRES=0.003	0.012	0.005	0.005	0.11
41	0.012	0.005	0.005	0.08
0.00341	0.011	0.005	0.005	0.08
	0.011	0.005	0.005	0.07
CHLORPYRIFO	0.011	0.005	0.005	0.07
S-KALE	0.011	0.005	0.005	0.013
TOTALZ=108	0.01	0.005	0.005	0.013
	0.01	0.005	0.005	
	0.01	0.005	0.005	
0.120	0.007	0.005	0.005	
0.010	0.007	0.005	0.005	
0.400	0.007	0.005	0.005	
0.145	0.007	0.005	0.005	
	0.007	0.005	0.005	
CHLORPYRIFO	0.007	0.005	0.005	
S-KOHLRABI	0.007	0.005	0.003	
TOTALZ=1481	0.007	0.005	0.003	
TOTALLOD=15	0.007	0.005		
LODRES=0.000	0.007	0.005	MILK-CHLORP	
15	0.006	0.005	YRIFOS	
0.0005	0.006	0.005	TOTALZ=80	
0.020	0.005	0.005	TOTALFREQ=1	
0.180	0.005	0.005		
0.020	0.005	0.005	20, 0.018	
	0.005	0.005		
	0.005	0.005	CHLORPYRIFO	
	0.005	0.005	S-MUSTARD	
	0.005	0.005	GREENS	
	0.005	0.005	TOTALZ=1481	
	0.005	0.005	TOTALLOD=15	
	0.005	0.005	LODRES=0.0001	
	0.005	0.005	5	
	0.005	0.005	0.0005	
	0.005	0.005	0.020	
	0.005	0.005	0.180	
	0.005	0.005	0.020	

CHLORPYRIFO	0.005	0.005	0.005
S-DRY BULB	0.005	0.005	0.005
ONIONS-FDA-9	0.005	0.005	0.005
2-97	0.005	0.005	0.005
TOTALZ=186	0.005	0.005	0.019
TOTALLOD=43	0.005	0.005	0.011
LODRES=0.000	0.005	0.005	0.03
15	0.005	0.005	0.005
0.00015	0.005	0.005	0.005
	0.005	0.005	0.005
	0.005	0.005	0.005
CHLORPYRIFO	0.005	0.005	0.01
S-ORANGES-C	0.005	0.005	0.01
OMINGLED	0.005	0.005	0.01
TOTALZ=1703	0.005	0.005	0.012
TOTALLOD=45	0.005	0.005	0.016
LODRES=0.002	0.005	0.005	0.022
137	0.005	0.005	0.005
0.028	0.005	0.005	0.005
0.023	0.005	0.005	0.005
0.02	0.005	0.005	0.005
0.019	0.005	0.005	0.02
0.019	0.005	0.005	0.02
0.019	0.005	0.005	0.005
0.019	0.005	0.005	0.005
0.016	0.005	0.005	0.005
0.016	0.005	0.005	0.005
0.016	0.005	0.005	0.005
0.015	0.005	0.005	0.005
0.013	0.005	0.005	0.005
0.012	0.005	0.005	0.005
0.012	0.005	0.005	
0.012	0.005	0.005	
0.011	0.005	0.005	
0.011	0.005	0.005	
0.011	0.005	0.005	
0.011	0.005	0.005	
0.01	0.005	0.005	
0.01	0.005	0.005	
0.01	0.005	0.005	
0.007	0.005	0.005	
0.007	0.005	0.005	
0.007	0.005	0.005	
0.007	0.005	0.005	
0.007	0.005	0.005	
0.007	0.005	0.005	
0.007	0.005	0.003	
0.007	0.005	0.003	
0.007	0.005		
0.007	0.005		
0.006	0.005	PEACH-PB-PDP	
0.006	0.005	TOTALZ=902	
0.005	0.005	TOTALLOD=55	
0.005	0.005	LODRES=.0025	
0.005	0.005		
0.005	0.005	0.028	
0.005	0.005	0.005	

0.005	0.017	0.005	CHLORPYRIFO	0.005
0.005	0.005	0.015	S-PECANS	0.005
0.005	0.017	0.005	TOTALZ=39	0.005
0.005	0.007	0.015		0.005
0.005	0.007	0.023		0.02
0.01	0.007	0.018	0.013	0.02
0.02	0.007		0.013	0.005
0.005	0.007	PEAR - SS -	0.03	0.005
0.005	0.007	PDP	0.026	0.005
0.011	0.015	TOTALZ=123	0.04	0.005
0.005	0.005	TOTALLOD=34	0.04	0.005
0.022	0.005	LODRES=.0022	0.04	0.005
0.01	0.005	'used PDP single	0.013	0.005
0.01	0.005	serving data on	0.04	0.005
0.01	0.012	pears	0.04	0.005
0.005	0.013		0.09	0.005
0.034	0.012	0.006	0.013	0.005
0.011	0.011	0.007	0.08	0.005
0.005	0.005	0.028	0.09	0.005
0.005	0.005		0.09	0.01
0.005	0.005		0.11	0.02
0.005	0.018		0.08	0.005
0.012	0.01		0.08	0.005
0.005	0.005		0.07	0.011
0.005	0.005		0.07	0.005
0.005	0.015		0.013	0.022
0.019	0.015		0.013	0.01
0.005	0.015			0.01
0.005	0.018			0.01
0.005	0.005	PLUM - NB-C -	0.005	
0.005	0.005	(PEACH) - PDP	0.034	
0.005	0.005	TOTALZ=2898	0.011	
0.005	0.01	TOTALLOD=55	0.005	
0.005	0.01	LODRES=0.0025	0.005	
0.005	0.035	'for co-mingled	0.005	
0.005	0.005	use PDP peach	0.005	
0.005	0.005	data straight - no	0.012	
0.005	0.007	de-comp	0.005	
0.005	0.007		0.028	0.005
0.005	0.007		0.005	0.005
0.005			0.005	0.019
0.01	PEARS NB-C -		0.005	0.005
0.005	CANNED		0.005	0.005
0.012	ONLY-PDP		0.005	0.005
0.005	TOTALZ=545		0.019	0.005
0.005	TOTALLOD=15		0.011	0.005
0.018	0		0.03	0.005
0.011	LODRES=.003		0.005	0.005
0.011	doc		0.005	0.005
0.015	CO-MINGLED		0.005	0.005
0.03	0.054		0.005	0.005
0.019	0.01		0.01	0.005
0.018	0.01		0.01	0.005
0.005	0.018		0.01	0.005
0.005	0.05		0.012	0.005
0.005	0.005		0.016	0.01
0.005	0.005		0.022	0.005

0.012	ORPYRIFOS-M	TOTALZ=1443	CHLORPYRIFO	0.01
0.005	ARKETBASKET	TOTALLOD=14	S-WHEAT-PDP	0.01
0.005	, AVERAGE IS	LODRES=.0025	TOTALLOD=13	0.01
0.018	0.001013	doc co-mingled	67	0.01
0.011	TOTALZ=160	.005	LODRES=0.0024	0.01
0.011	TOTALLOD=39		1	0.01
0.015	LODRES=.001			0.01
0.03	0.0035	CHLORPYRIFO	0.042	0.01
0.019		S-WALNUTS	0.04	0.01
0.018		TOTALZ=34	0.025	0.01
0.005	PUMKIN-FROM		0.025	0.01
0.005	CUCUMBERS-C		0.023	0.01
0.005	HLORPYRIFOS	0.013	0.021	0.01
0.005	TOTALZ=403	0.013	0.019	0.01
0.017	TOTALLOD=3	0.03	0.015	0.01
0.005	LODRES=0.000	0.026	0.014	0.01
0.017	15	0.04	0.013	0.01
0.007	0.080	0.04	0.013	0.01
0.007		0.04	0.013	0.01
0.007	CHLORPYRIFO	0.013	0.012	0.01
0.007	S-ROOT	0.04	0.012	0.01
0.007	GREENS-19%	0.04	0.012	0.01
0.007	CT	0.09	0.011	0.01
0.015	TOTALZ=81	0.013	0.011	0.01
0.005	TOTALLOD=15	0.08	0.011	0.01
0.005	LODRES=0.000	0.09	0.011	0.01
0.005	15	0.09	0.011	0.01
0.005	0.0005	0.11	0.011	0.01
0.012	0.020	0.08	0.011	0.01
0.013	0.180	0.08	0.01	0.01
0.012	0.020	0.07	0.01	0.01
0.011		0.07	0.01	0.01
0.005		0.013	0.01	0.01
0.005	SWEET-CORN-	0.013	0.01	0.01
0.005	CHLORPYRIFO		0.01	0.01
0.018	S-FRESH		0.01	0.01
0.01	TOTALZ=556		0.01	0.01
0.005	TOTALLOD=15		0.01	0.01
0.005	6		0.01	0.01
0.015	LODRES=0.000		0.01	0.01
0.015	15		0.01	0.01
0.015	0.00015		0.01	0.01
0.018			0.01	0.01
0.005			0.01	0.01
0.005	SWEET-CORN-		0.01	0.01
0.005	CHLORPYRIFO		0.01	0.01
0.01	S-PROCESSED		0.01	0.01
0.01	TOTALZ=1188		0.01	0.01
0.035	TOTALLOD=11		0.01	0.01
0.005	7		0.01	0.01
0.005	LODRES=0.002		0.01	0.01
0.007	43		0.01	0.01
0.007	0.00243		0.01	0.01
0.007			0.01	0.01
PORK	SWEET		0.01	0.01
SAUSAGE-CHL	PEAS-PDP		0.01	0.01

0.01	0.005	0.02	TOTALLOD=36	0.066089
0.01	0.005	0.11	LODRES=.001	0.336373
0.005	0.005	0.08	.0112	0.014716
0.005	0.005	0.04		0.009631
0.005	0.005	0.34	LEMONJUICE-C	0.491528
0.005	0.005	0.22	HLORPYRIFOS	0.120732
0.005	0.005	0.14	TOTALZ=49	23.78547
0.005	0.005	0.07	TOTALLOD=36	0.023165
0.005	0.005	0.01	LODRES=.001	7.04E-05
0.005	0.005	0.04	.0112	0.63505
0.005	0.005	0.08		0.611888
0.005	0.005	0.02		0.003536
0.005	0.005	0.14	OJ-CHLORPYRI	0.026041
0.005	0.005	0.03	FOS	0.000539
0.005	0.005	0.04	TOTALZ=175	0.059298
0.005	0.005	0.01	TOTALLOD=19	0.220776
0.005	0.005	0.21	LODRES=.001	0.001386
0.005	0.005	0.01	.0112	0.049039
0.005	0.005	0.03		0.004901
0.005	0.005	0.01		0.006178
0.005	0.005	0.06	CPY-KIWI-DEC	0.019393
0.005	0.005	0.01	OMP	0.052346
0.005	0.005	0.01	TOTALZ=3972	0.028844
0.005	0.005	0.02	TOTALLOD=29	0.123647
0.005	0.005	0.03	71	0.1896
0.005	0.005	0.02	LODRES=0.0001	0.006046
0.005	0.005	0.01	5	0.012665
0.005	0.005		0.005774	0.014835
0.005	0.005		FIGS-CHLORPY	0.027184
0.005	0.005		RIFOS	0.004571
0.005	0.005		TOTALZ=99	0.035461
0.005	0.005			0.003853
0.005	0.005		0.002448	0.017472
0.005	0.005		0.000753	0.007671
0.005	0.005	.01	0.84161	0.005361
0.005	0.005		2.81E-05	0.05431
0.005	0.005		0.83797	0.00038
0.005	0.005		CPY-GREENBE	0.013271
0.005	0.005		ANS-PROCESS	0.001038
0.005	0.005		ED	0.022625
0.005	0.005		TOTALZ=1226	0.000126
0.005	0.005		TOTALLOD=11	0.001777
0.005	0.005		LODRES=0.003	0.005308
0.005			2	0.00206
0.005			0.0032	0.001703
0.005				0.074334
0.005	CRANBERRY-C			0.000276
0.005	PY		CITRUSJUICE-	0.024086
0.005	TOTALZ=56		CHLORPYRIFO	0.041189
0.005	TOTALLOD=48		S	0.026324
0.005	LODRES=.005		TOTALZ=79	0.004259
0.005	0.05		TOTALLOD=36	0.005224
0.005	0.04		LODRES=.001	0.044722
0.005	0.2	.0112		0.006386
0.005	0.05			0.003652
0.005	0.2		GRAPEFRUITJ	0.084632
0.005	0.12		UICE-CHLORP	0.000108
0.005	0.16		YRIFOS	0.003449
0.005	0.04		TOTALZ=194	0.000212
				0.01873

0.266527	0.063954	0.007615	0.007888	0.0101
2.556982	0.012851	0.01902	0.068534	0.052613
0.040614	0.011711	0.001603	0.000484	0.001675
0.10389	0.14022	0.004198	0.007221	0.08643
0.000725	0.017999	0.276223	0.003481	0.002186
0.131296	0.012481	0.002497	0.004107	0.021077
0.055872	0.239469	0.00087	0.02208	0.076479
0.000191	0.000297	0.008303	0.008831	0.359973
0.010692	0.10069	0.008041	0.097544	0.006578
0.002133	0.006796	0.005558	0.072456	1.589949
1.836604	0.001832	0.010228	0.031915	0.027638
0.216155	0.54245	0.009774	0.000444	0.006508
0.250234	0.101544	0.7353	0.053661	0.000175
0.037401	0.000198	0.032405	0.127232	0.001343
0.897839	0.000353	0.018272	0.001855	0.001992
0.002222	0.001946	0.025684	0.006428	0.04695
0.012037	0.055062	0.000245	0.003763	0.078468
0.016395	0.004518	0.299976	0.019862	0.384877
0.002615	0.003241	0.00309	0.002308	0.09526
0.009384	3.903866	0.039026	0.00233	0.00157
0.001879	0.072268	0.019749	0.022121	0.015649
0.297859	0.008098	1.471368	0.037896	0.002959
0.143662	0.001529	0.003376	0.068363	0.040394
0.004806	0.056669	0.153815	0.034925	3.33E-05
0.002424	0.002252	0.115216	0.010517	0.002844
0.04205	0.015238	0.003688	0.184119	0.152789
0.033506	0.000923	0.012135	0.019292	0.228838
0.000326	0.000615	0.000136	0.00597	0.045578
0.03913	0.111691	0.011966	0.005189	0.00113
0.001093	0.017014	0.4075	0.206363	0.010823
0.013848	0.00089	0.001721	0.049369	0.032578
0.1809	0.000523	0.089162	0.003388	0.006867
0.060928	0.008633	0.007729	0.01119	0.157636
0.005086	0.017235	0.013037	0.011044	0.000974
0.0005	0.063827	0.64781	0.02959	0.009976
0.419004	0.00359	0.011401	0.133957	0.018867
0.000779	0.002392	0.255418	0.046109	0.004071
0.000157	0.006705	0.016884	1.334883	0.005943
0.009302	0.000667	0.004997	0.001918	0.025243
0.001159	0.001321	0.12336	0.009031	0.001225
0.030598	0.036087	0.002674	0.015104	0.030743
6.009815	0.146539	0.014154	0.175101	0.000571
0.029434	2.470928	0.198	0.004028	0.001184
0.164084	0.003185	0.000289	0.002095	0.001042
0.067058	0.011559	0.008236	0.007134	0.080838
0.041959	0.024452	0.000705	0.036936	0.006926
0.043791	0.023446	0.482118	0.012333	0.047519
0.00095	0.234131	0.290095	0.048255	0.000421
0.21174	0.002578	0.022984	0.014046	0.008721
0.076189	0.009817	0.000468	0.027332	0.018364
0.001462	0.000399	0.013404	0.020683	0.058807
0.015524	0.016788	0.070856	0.026756	0.160119
0.006288	0.088437	0.108509	0.023862	0.17892
0.050072	0.257768	0.046543	0.003107	0.129039
0.014907	0.020446	0.062815	0.194591	0.002773
0.005525	0.001196	0.073651	9.6E-05	0.014359
0.278437	0.001265	0.057156	0.009177	0.563994

0.000412	0.083281	0.016608	0.034629	1.151228
0.003321	0.005707	0.002731	0.05281	0.023072
0.002523	0.007407	0.028934	0.027181	0.043264
0.03838	0.060084	0.024279	0.001829	0.008324
0.020777	0.009554	0.001625	0.026145	0.059032
0.454092	0.013099	0.001427	0.196218	0.003365
0.000251	0.028484	0.01756	0.011898	0.002948
0.168646	0.095439	0.099893	0.009324	0.090039
0.043246	0.092825	0.013781	0.048696	0.002243
0.09163	0.002028	0.003228	0.008555	0.175849
0.081475	0.04298	0.007042	0.002048	1.219522
0.000811	0.025495	0.032837	0.011716	0.719154
0.002679	0.01047	0.030108	0.037802	0.042838
0.011596	0.022355	0.00292	0.014383	0.009834
0.402851	0.000604	0.013806	0.003086	0.158531
0.036725	0.005445	0.063714	0.627758	0.025243
0.0044853	1.020917	0.001278	0.030033	0.004344
0.034728	0.008953	0.0891	5.97E-05	0.184666
0.013605	0.001074	0.00023	0.000454	0.192703
0.137768	0.696619	0.007371	0.010087	0.005438
0.004173	0.113503	0.045767	0.057456	0.022061
0.079601	0.000908	0.001881	0.454784	0.02156
0.004355	0.982834	0.003438	0.060748	0.005941
0.320794	0.374451	0.134033	0.03254	0.068214
6.4E-05	0.012594	0.00105	0.007646	0.009521
0.000999	0.014512	0.044449	0.000429	0.399473
1.124003	0.118169	0.012377	0.079262	0.019266
0.065274	0.026439	0.028597	0.167215	0.002077
0.028106	1.20428	0.002474	0.30525	0.008384
0.010858	0.020088	0.094791	0.129024	0.01084
0.021288	0.001525	0.005478	0.096597	0.000149
0.007997	0.223647	0.016953	4.444398	0.000752
0.031531	0.031029	0.003704	0.005034	0.283787
0.148265	0.335301	0.244348	0.000683	0.002328
0.004457	0.003036	0.038217	0.335997	0.001115
0.061621	0.017824	0.001965	0.020029	0.055233
0.021851	0.000692	0.046429	0.023868	0.000204
0.070182	0.000584	0.028386	0.012091	0.093442
0.057991	0.001287	0.021329	0.01525	0.039237
0.004373	0.011289	0.0005	0.017724	0.002726
0.355538	0.050758	0.003604	0.266258	0.000288
0.021593	0.005615	0.111376	0.006163	2.151745
0.003888	0.001761	0.004641	0.022487	0.313249
0.009082	0.035928	0.00383	1.526111	0.000131
0.001366	0.515369	2.12E-05	0.017022	0.000992
0.309133	0.107024	0.000826	0.009667	0.04925
0.090497	0.044582	0.004117	0.569971	0.000704
0.00621	3.094105	0.013626	0.069528	0.034059
2.130093	0.015749	0.001702	0.189745	0.125661
0.00034	0.051498	0.004016	0.027342	0.015492
0.016197	0.004722	0.004853	0.054053	0.002844
0.034144	0.004714	0.010665	0.001401	0.004053
0.039883	0.575664	0.008679	0.024153	0.000531
0.003806	0.010289	0.033272	0.002311	0.055459
0.002822	0.024746	0.017225	0.000215	0.003778
0.448586	0.004617	0.163458	0.757058	0.005626
0.008448	0.007482	0.026794	0.058969	0.006318

0.001199	0.000382	0.001254	0.004812	0.015856
0.020538	0.599332	0.848811	0.035892	0.062752
0.001605	0.011445	0.004985	0.950824	0.2213
0.006405	0.013112	0.007478	0.041364	0.009008
0.036272	0.005607	0.001472	8.1E-05	0.002762
0.120693	0.001423	0.422689	0.008071	0.003756
0.003962	0.044827	0.000403	0.00415	0.011598
0.004693	0.000643	0.014053	0.007996	0.004581
0.045798	0.012589	0.009151	0.051889	0.074189
0.031579	0.010997	0.032925	0.000182	0.011257
0.006228	0.031199	128.3317	0.152832	0.099623
0.029879	0.00098	0.016248	0.01986	0.032355
0.07118	0.010158	0.239077	0.235122	0.10037
0.082412	0.011547	0.411628	0.007398	0.036838
0.012662	0.006591	0.013774	0.33539	0.015946
0.103946	0.000655	0.010442	3.415169	0.002538
0.000831	0.677573	0.086356	0.08817	0.259605
0.002807	0.000458	0.358619	0.006641	0.000318
0.081354	0.00607	0.021734	0.002492	0.008593
0.010351	0.001646	0.004532	0.031927	0.006507
0.276134	0.005142	0.000256	0.064633	0.346794
0.016326	0.000965	0.004441	0.145574	0.153366
0.001078	0.017952	0.062013	0.006777	0.010515
0.010788	0.001969	0.370049	0.034851	0.015186
0.028928	0.003031	0.00475	0.097258	0.050548
0.035301	0.00258	0.000604	0.116582	0.180903
0.001762	0.002366	0.085433	0.169218	0.142057
8.52E-05	0.005151	0.001907	0.011155	0.521692
0.069008	0.009471	0.002918	0.0011	0.019631
0.223474	0.029369	0.016717	0.037118	0.102842
0.001441	2.907285	0.002194	0.000479	0.147732
0.288565	0.108237	0.003109	0.006482	0.007215
0.01001	0.002706	0.053359	0.003383	0.00262
0.002434	0.000629	0.001028	0.001544	0.013441
0.107349	0.00526	0.003636	0.004415	7.107445
2.045339	0.12627	0.018592	0.074948	0.001338
0.144859	0.001581	0.060118	0.012236	0.008857
0.475786	0.000264	0.000554	0.119482	0.000134
0.113252	0.041964	0.024295	0.55423	0.020444
0.001319	0.092128	0.012922	0.254337	0.024727
0.025457	0.021056	0.066729	0.122319	0.025545
0.001363	0.084087	0.019152	0.001862	0.322069
0.003498	0.002136	0.044098	0.003273	0.0015
0.033719	0.000924	0.020807	0.030854	0.008228
0.028263	0.000733	0.013328	0.018866	0.040044
0.018426	0.214337	0.003168	0.383452	0.106328
0.004425	0.000298	0.022602	0.006898	0.051291
0.828499	0.065975	0.001619	0.436233	0.20364
0.139389	0.024662	0.003222	0.000872	0.023224
0.003322	0.056538	0.016459	0.014887	0.00087
0.007611	1.011748	0.008138	0.699581	0.001228
0.200381	1.7618	0.298475	0.003535	0.20921
0.007761	0.002159	0.080253	0.001798	0.012179
0.00055	0.013035	0.007065	0.006831	1.389824
0.072434	0.065461	0.026115	0.001721	0.002009
0.005817	0.015675	0.000584	0.135713	0.0004
0.040754	0.014428	0.048012	0.005317	0.01464

0.001178	0.002278	0.009911	0.001399	0.000198
0.173471		0.001751	0.001714	0.001675
0.01497		0.001152	0.006454	0.000303
0.077529		0.027306	0.010511	0.053692
0.006034		0.001918	0.001059	0.005479
0.004946		0.001267	0.000746	0.002196
0.009799	MUSHROOMS-	0.001414	0.010861	0.000112
0.000176	CHLORPYRIFOS	0.000455	0.014284	0.000651
0.037345	TOTALZ=99	0.003463	0.01167	8.68E-05
0.071948		0.007652	0.010305	0.0011
0.160381		0.003593	0.003321	0.000426
0.513828	.01	0.000673	0.003712	0.00059
0.050998		0.001326	0.002537	0.004959
3.4E-05	NECTAR2000NB	0.004043	0.015685	0.000329
0.00034	TOTALZ=11505	0.000497	0.00147	0.018707
0.004284	TOTALLOD=422	0.009112	0.013633	0.003352
0.130736	LODRS=.0025	0.000226	0.006512	0.002654
0.026707		0.00341	0.000372	0.00447
0.005745		0.00327	0.000709	0.022162
0.014233		0.003681	0.00047	0.000279
0.90564		0.048628	0.003075	0.016789
0.008889		0.001776	0.000506	0.000451
0.019514		0.001605	0.002067	0.018323
0.023527		0.008409	0.009423	0.025586
0.047408		0.000336	0.000903	0.0007
0.076176		0.001361	0.001696	0.00051
0.00787		0.021599	0.013188	0.005433
0.00115		0.008139	0.010726	0.003782
0.00713		0.005314	0.000533	0.02327
0.000103		0.00289	0.005966	0.005911
1.346068		0.00091	0.123829	0.002294
0.030452		0.012764	8.29E-05	0.000209
0.077889		0.021306	0.01559	0.006257
0.018247		0.012013	0.024735	0.002756
0.000363		0.002275	0.005549	0.000519
0.005887		0.020922	0.000252	0.060828
0.230534		0.003922	0.013488	0.002716
0.04025		0.00274	0.018411	0.000609
0.002653		3.49E-05	0.007005	0.029062
0.000896		0.052163	0.001131	0.001304
0.017774		0.009797	0.001263	0.025155
0.049888		0.001498	0.002551	0.03772
0.00077		0.003243	0.000415	0.007198
0.027882		0.023958	0.004118	0.004378
0.038919		0.006189	0.003307	0.005102
0.115456		5.6E-05	0.00789	0.003961
0.058044		0.000352	0.000566	0.000563
0.002985		0.000145	0.002486	0.001142
0.005374		0.001718	0.026418	0.004349
0.003901		0.004687	0.003493	0.007868
0.000795		0.000292	0.002244	0.003029
0.484525		0.003624	0.000793	0.337842
0.017525		0.003767	0.00072	0.008946
0.042508		0.017882	0.001811	0.000967
0.006977		0.007346	0.001571	0.002407
0.022224		0.008035	0.00074	0.000959
0.009192		0.005492	0.000606	0.000139
				0.000324

0.000475	0.005775	0.000159	0.001161	0.000165
0.000387	0.001113	0.000229	0.001625	0.002316
0.001522	0.003156	0.000837	0.001217	6.51E-05
0.004509	0.001852	0.001988	0.006576	0.00019
0.031121	0.001801	0.002204	0.002616	0.000982
0.006063	0.012242	0.012675	0.014992	0.004706
0.000487	0.001024	0.032636	0.001171	0.000403
0.004622	0.002441	0.002692	0.000848	0.002111
0.019094	0.001041	0.000944	0.001926	0.013373
0.210025	0.000619	0.001819	0.000751	0.000766
0.009623	0.003171	0.041054	0.000542	0.005723
0.000763	0.00124	0.022558	0.004528	0.099064
0.013003	0.002667	0.000925	0.00488	0.003102
0.003008	0.000807	0.000394	0.000932	0.002328
0.005018	0.003823	0.000642	0.003228	0.002377
0.001646	0.007042	0.00194	0.001454	0.00518
0.001052	0.000126	0.005994	0.003199	0.008655
0.017526	0.001087	0.001511	0.004797	0.04504
0.005224	0.000824	0.000104	0.027985	0.000239
0.017208	0.004014	0.000523	0.01114	0.002438
0.000677	0.001077	0.009046	0.050386	0.001478
0.000221	0.004264	0.005884	0.083766	0.019977
0.002224	0.007638	0.000656	0.015451	0.015141
0.002836	0.001581	0.002559	0.004752	0.01106
0.011794	0.002128	0.010875	0.003653	0.003858
0.008079	0.002159	0.006116	0.000881	0.000245
0.002348	0.00205	0.004634	0.000437	0.01625
0.00167	0.00339	0.000117	0.001658	0.001311
0.001833	0.007496	0.027009	0.000314	0.033495
4.41E-05	0.006869	0.003541	0.005821	0.017082
0.00777	0.001225	0.00292	0.000183	0.002933
0.001538	0.03227	0.002579	0.000727	0.001336
0.000289	0.00414	0.001869	0.011875	0.005265
0.039379	0.001562	0.014563	0.001352	0.003131
0.004315	0.029553	0.003445	0.014772	0.006339
0.009999	0.003535	0.007141	0.01606	0.010254
0.020685	0.000667	0.000854	0.000214	0.071875
0.004857	0.00015	0.004185	0.009342	0.000195
0.00305	0.001441	0.010439	0.002008	0.036006
0.000176	9.99E-05	0.012543	0.006802	0.001392
0.001201	0.001117	0.000442	0.0019	0.000688
0.008563	0.030646	0.004427	0.000315	0.019637
0.000861	0.000578	0.010129	0.00125	0.002984
0.002776	0.000997	0.00042	0.020181	0.004252
0.001072	0.002032	0.000168	0.000358	0.002798
0.10385	0.00079	0.001881	0.001187	0.000258
0.003866	0.00665	0.009259	0.004195	0.000634
0.002261	0.000485	0.000342	0.154076	0.002623
0.001433	0.000627	0.000971	0.000275	0.001297
0.05672	0.006894	0.0003	0.002506	0.002175
0.004577	8.45E-06	7.45E-05	0.001554	0.035022
0.00247	0.000259	0.000782	0.001371	0.00177
0.001957	0.002876	0.000827	0.000551	0.004945
0.004066	0.00881	0.000462	0.005639	0.071678
0.001008	0.003936	0.002057	0.000269	0.008886
0.009533	0.000876	0.002399	0.005058	0.006732
0.013815	0.000378	0.0008	0.001194	0.007382

0.000582	7.92E-05	0.010784	0.011973	0.001651
0.005377	0.000776	0.014772	0.035075	0.020264
0.000599	3.79E-05	0.002653	0.00159	0.000795
0.000384	0.002106	0.002118	0.008513	0.002886
0.061784	0.000635	0.000512	0.004672	0.002872
0.003406	0.001221	0.01191	0.083638	0.385864
0.007351	0.00144	0.002575	0.00332	0.049125
0.004455	0.001495	0.009551	0.01809	0.00066
0.005557	0.001925	0.001833	0.004333	0.007027
0.004322	0.000102	0.010336	0.00151	0.032911
0.000429	0.016135	0.006118	0.001073	0.005134
0.004804	0.00074	0.001015	0.02252	0.001004
0.035758	0.019382	0.001975	0.001185	0.026588
0.003527	0.007463	0.000468	0.000353	0.00572
0.009887	0.000372	0.001267	0.00145	0.005522
0.006343	0.005102	0.002777	0.016837	0.002752
0.000989	0.003643	0.000963	0.003281	0.000763
0.000542	0.002094	0.037727	0.003222	0.00015
0.217453	0.002283	0.003879	0.001106	0.000653
0.001541	0.005009	0.000326	0.065384	0.001831
0.103281	0.045159	0.000827	0.002906	0.009266
0.004277	0.000244	0.000672	0.003759	0.007756
0.011774	0.001954	0.001198	0.003119	0.001308
0.00221	0.003188	0.001887	0.001686	0.010986
0.015691	0.000526	0.004598	0.000172	0.000555
0.000743	0.000644	0.004248	0.000359	0.001101
0.001476	0.001385	0.003146	0.000845	0.006216
0.00538	0.002068	0.008688	0.000313	0.000454
0.003037	0.002614	0.003601	0.002495	0.003653
0.000201	6.94E-05	0.004766	0.014455	0.005173
0.000122	0.000923	0.017735	0.013855	0.136968
0.003434	0.000498	0.011637	0.004043	0.001164
0.004408	0.001672	0.005866	0.001284	0.017772
0.000191	0.000697	0.000182	0.007138	0.00105
0.002341	0.004855	0.001258	0.021437	0.000622
0.004378	0.000189	0.00014	0.000732	0.001919
0.001145	0.002421	0.001409	0.008984	0.018769
0.029273	0.017171	0.085647	0.000413	0.012511
0.006466	0.000562	0.000662	0.001525	0.001203
0.000879	0.000267	0.000536	0.010173	0.033703
0.03101	0.003043	0.099915	0.000382	0.007576
0.01306	0.003452	9.63E-05	0.003195	5.46E-05
0.00203	0.021541	0.0005	0.009176	0.000174
0.002361	0.002313	0.008196	0.023789	0.000971
0.007371	0.003395	0.000812	0.000688	0.007521
0.003095	7.57E-05	0.000934	0.000567	0.002054
0.011113	0.072693	0.047692	0.00837	0.005486
0.003693	0.00042	0.004968	0.001316	0.000253
0.001169	0.000491	0.006406	0.001029	0.010103
0.000319	0.020954	0.001597	0.001076	0.000958
0.002245	0.005595	0.001126	0.016284	0.006565
0.000841	0.039639	0.000603	0.005306	0.000334
0.001772	0.001339	0.002957	0.007881	0.012271
0.000377	0.057896	0.002465	0.0041	0.000516
0.024531	0.015207	0.003821	0.010627	0.000473
0.000398	0.002674	0.001379	0.001792	0.003851
0.000485	0.000753	0.000401	0.001723	0.002724

0.007858	0.008751	0.025216	0.000987	0.021
0.001395	0.001479	0.001361	0.000864	0.018
0.000711	0.000226	0.00945	0.025584	0.016
0.000263	0.001872	2.63E-05	9.15E-05	0.015
0.000786	0.000437	0.00133	0.00016	0.014
0.001019	0.002231	0.009392	0.004706	0.013
0.000305	0.001781	0.00602	0.001239	0.013
0.002189	0.002688	0.006947	0.01438	0.013
0.008889	0.000247	0.015642	0.001559	0.013
0.000442	0.00171	0.005766	0.002713	0.013
0.000165	0.000446	0.006886	0.008292	0.012
0.003774	0.008624	0.003898	0.000277	0.012
0.001057	0.00216	0.00803	0.001755	0.011
0.006804	0.00656	0.000877	0.052311	0.011
0.00046	0.005832	0.000722	0.037045	0.011
0.000145	0.003009	0.00012	0.019756	0.011
0.009087	0.013607	0.006303	0.000581	0.011
0.002305	0.011412	0.003252	0.000705	0.01
0.004407	0.001093	0.00239	0.001116	0.0099
0.002407	0.00013	0.00061	0.001215	0.0098
0.001573	0.000599	0.000345	0.013314	0.0095
0.007709	0.002002	0.009607	0.000818	0.0094
0.011378	0.023774	0.007171	0.002546	0.0093
0.010021	0.004195	0.002459	0.004909	0.0093
0.000288	0.004566	0.008052	0.000894	0.0093
0.041064	0.0009	0.0124	0.001356	0.0088
0.027325	0.000408	0.012838	0.000915	0.0088
0.044523	0.004653	0.022198	0.000629	0.0087
0.002043	0.00068	0.002847	0.002167	0.0086
0.001949	0.00665	0.02329	0.003505	0.0085
0.069337	0.001456	0.005229	0.002378	0.0084
0.002594	0.001041	0.010481	0.000905	0.0083
0.000295	0.005658	0.001617	0.001418	0.0083
0.00115	0.004084	0.000587	0.02869	0.0082
0.005989	0.00024	0.003983	0.001541	0.0082
0.001998	0.000389	0.01405	0.003926	0.0081
0.000278	0.000213	0.028375	0.005407	0.0079
0.000332	0.009711	0.017263	0.005295	0.0078
0.0138	0.000233	0.001805	0.001907	0.0078
0.004127	0.002515	0.019126	0.003586	0.0077
0.003546	0.001643	0.000301	0.001696	0.0077
0.014923	0.006862	0.000856	0.053722	0.0077
0.000768	0.008253	0.006166	0.005053	0.0077
0.003088	0.00293	0.003292	0.010533	0.0076
0.004163	0.000945	0.002256	0.001859	0.0074
0.016469	0.003715	0.001627	0.001299	0.0074
0.000356	0.013209	0.002625	0.025968	0.0073
0.001253	0.002537	0.165065	0.01264	0.0072
0.03068	0.003366	0.00281		0.0072
0.000801	0.000571	0.000205		0.0072
0.015323	0.006076	0.004503		0.0072
0.004539	0.020382	0.006701		0.0071
0.042297	0.002135	0.002987		0.0071
0.002812	0.007233	0.03156		0.007
5E-05	0.000219	0.018481	Peanutbutter-rmb	0.0069
0.001731	0.00053	0.000112	TOTALLOD=31	0.0068
0.01116	0.004883	0.005922	LODRS=.001	0.0068

0.0067	0.0035	PEACH2000NB	0.004043	0.015685
0.0067	0.0035	TOTALZ=6940	0.000497	0.00147
0.0067	0.0035	TOTALLOD=422	0.009112	0.013633
0.0066	0.0035	LODRS=.0025	0.000226	0.006512
0.0066	0.0035	0.00341	0.000372	0.00447
0.0065	0.0035	0.00327	0.000709	0.022162
0.0064	0.0035	0.003681	0.00047	0.000279
0.0063	0.0035	0.048628	0.003075	0.016789
0.0063	0.0035	0.001776	0.000506	0.000451
0.0063	0.0035	0.001605	0.002067	0.018323
0.0063	0.0035	0.008409	0.009423	0.025586
0.0063	0.0035	0.000336	0.000903	0.0007
0.0063	0.0035	0.001361	0.001696	0.00051
0.0061	0.0035	0.021599	0.013188	0.005433
0.0061	0.0035	0.008139	0.010726	0.003782
0.0061	0.0035	0.005314	0.000533	0.02327
0.0059	0.0035	0.00289	0.005966	0.005911
0.0058	0.0035	0.00091	0.123829	0.002294
0.0058	0.0035	0.012764	8.29E-05	0.000209
0.0057	0.0035	0.021306	0.01559	0.006257
0.0056	0.0035	0.012013	0.024735	0.002756
0.0056	0.0035	0.002275	0.005549	0.000519
0.0055	0.0035	0.020922	0.000252	0.060828
0.0054	0.0035	0.003922	0.013488	0.002716
0.0054	0.0035	0.00274	0.018411	0.000609
0.0054	0.0035	3.49E-05	0.007005	0.029062
0.0054	0.0035	0.052163	0.001131	0.001304
0.0053	0.0035	0.009797	0.001263	0.025155
0.0053	0.0035	0.001498	0.002551	0.03772
0.0053	0.0035	0.003243	0.000415	0.007198
0.0053	0.0035	0.023958	0.004118	0.004378
0.0053	0.0035	0.006189	0.003307	0.005102
0.0052	0.0035	5.6E-05	0.00789	0.003961
0.0052	0.0035	0.000352	0.000566	0.000563
0.0051	0.0035	0.000145	0.002486	0.001142
0.0035	0.0035	0.001718	0.026418	0.004349
0.0035	0.0035	0.004687	0.003493	0.007868
0.0035	0.0035	0.000292	0.002244	0.003029
0.0035	0.0035	0.003624	0.000793	0.337842
0.0035	0.0035	0.003767	0.00072	0.008946
0.0035	0.0035	0.017882	0.001811	0.000967
0.0035	0.0035	0.007346	0.001571	0.002407
0.0035	0.0035	0.008035	0.00074	0.000959
0.0035	0.0035	0.005492	0.000606	0.000139
0.0035	0.0035	0.009911	0.001399	0.000198
0.0035	0.0035	0.001751	0.001714	0.001675
0.0035	0.0035	0.001152	0.006454	0.000303
0.0035	0.0035	0.027306	0.010511	0.053692
0.0035	0.0035	0.001918	0.001059	0.005479
0.0035	0.0035	0.001267	0.000746	0.002196
0.0035	0.0035	0.001414	0.010861	0.000112
0.0035	0.0035	0.000455	0.014284	0.000651
0.0035	0.0035	0.003463	0.01167	8.68E-05
0.0035	0.0035	0.007652	0.010305	0.0011
0.0035	0.0035	0.003593	0.003321	0.000426
0.0035	0.0035	0.000673	0.003712	0.00059
0.0035	0.0035	0.001326	0.002537	0.004959

0.000329	0.003008	0.000807	0.000394	0.000932
0.018707	0.005018	0.003823	0.000642	0.003228
0.003352	0.001646	0.007042	0.00194	0.001454
0.002654	0.001052	0.000126	0.005994	0.003199
0.011329	0.017526	0.001087	0.001511	0.004797
0.042916	0.005224	0.000824	0.000104	0.027985
0.000545	0.017208	0.004014	0.000523	0.01114
0.006276	0.000677	0.001077	0.009046	0.050386
0.002144	0.000221	0.004264	0.005884	0.083766
0.00174	0.002224	0.007638	0.000656	0.015451
0.089071	0.002836	0.001581	0.002559	0.004752
0.00851	0.011794	0.002128	0.010875	0.003653
0.001034	0.008079	0.002159	0.006116	0.000881
0.00562	0.002348	0.00205	0.004634	0.000437
0.007564	0.00167	0.00339	0.000117	0.001658
0.000361	0.001833	0.007496	0.027009	0.000314
0.001615	4.41E-05	0.006869	0.003541	0.005821
0.00092	0.00777	0.001225	0.00292	0.000183
0.005122	0.001538	0.03227	0.002579	0.000727
0.006401	0.000289	0.00414	0.001869	0.011875
0.001979	0.039379	0.001562	0.014563	0.001352
0.001283	0.004315	0.029553	0.003445	0.014772
0.011444	0.009999	0.003535	0.007141	0.01606
0.000408	0.020685	0.000667	0.000854	0.000214
0.008296	0.004857	0.00015	0.004185	0.009342
0.065495	0.00305	0.001441	0.010439	0.002008
0.001423	0.000176	9.99E-05	0.012543	0.006802
0.002099	0.001201	0.001117	0.000442	0.0019
0.000894	0.008563	0.030646	0.004427	0.000315
0.014031	0.000861	0.000578	0.010129	0.00125
0.002819	0.002776	0.000997	0.00042	0.020181
0.016524	0.001072	0.002032	0.000168	0.000358
0.003592	0.10385	0.00079	0.001881	0.001187
0.00013	0.003866	0.00665	0.009259	0.004195
0.007274	0.002261	0.000485	0.000342	0.154076
0.012429	0.001433	0.000627	0.000971	0.000275
0.002961	0.05672	0.006894	0.0003	0.002506
0.000988	0.004577	8.45E-06	7.45E-05	0.001554
0.023542	0.00247	0.000259	0.000782	0.001371
0.000702	0.001957	0.002876	0.000827	0.000551
0.036854	0.004066	0.00881	0.000462	0.005639
0.046843	0.001008	0.003936	0.002057	0.000269
0.008223	0.009533	0.000876	0.002399	0.005058
0.000324	0.013815	0.000378	0.0008	0.001194
0.000475	0.005775	0.000159	0.001161	0.000165
0.000387	0.001113	0.000229	0.001625	0.002316
0.001522	0.003156	0.000837	0.001217	6.51E-05
0.004509	0.001852	0.001988	0.006576	0.00019
0.031121	0.001801	0.002204	0.002616	0.000982
0.006063	0.012242	0.012675	0.014992	0.004706
0.000487	0.001024	0.032636	0.001171	0.000403
0.004622	0.002441	0.002692	0.000848	0.002111
0.019094	0.001041	0.000944	0.001926	0.013373
0.210025	0.000619	0.001819	0.000751	0.000766
0.009623	0.003171	0.041054	0.000542	0.005723
0.000763	0.00124	0.022558	0.004528	0.099064
0.013003	0.002667	0.000925	0.00488	0.003102

0.002328	0.003527	0.007463	0.000468	0.000353
0.002377	0.009887	0.000372	0.001267	0.00145
0.00518	0.006343	0.005102	0.002777	0.016837
0.008655	0.000989	0.003643	0.000963	0.003281
0.04504	0.000542	0.002094	0.037727	0.003222
0.000239	0.217453	0.002283	0.003879	0.001106
0.002438	0.001541	0.005009	0.000326	0.065384
0.001478	0.103281	0.045159	0.000827	0.002906
0.019977	0.004277	0.000244	0.000672	0.003759
0.015141	0.011774	0.001954	0.001198	0.003119
0.01106	0.00221	0.003188	0.001887	0.001686
0.003858	0.015691	0.000526	0.004598	0.000172
0.000245	0.000743	0.000644	0.004248	0.000359
0.01625	0.001476	0.001385	0.003146	0.000845
0.001311	0.00538	0.002068	0.008688	0.000313
0.033495	0.003037	0.002614	0.003601	0.002495
0.017082	0.000201	6.94E-05	0.004766	0.014455
0.002933	0.000122	0.000923	0.017735	0.013855
0.001336	0.003434	0.000498	0.011637	0.004043
0.005265	0.004408	0.001672	0.005866	0.001284
0.003131	0.000191	0.000697	0.000182	0.007138
0.006339	0.002341	0.004855	0.001258	0.021437
0.010254	0.004378	0.000189	0.00014	0.000732
0.071875	0.001145	0.002421	0.001409	0.008984
0.000195	0.029273	0.017171	0.085647	0.000413
0.036006	0.006466	0.000562	0.000662	0.001525
0.001392	0.000879	0.000267	0.000536	0.010173
0.000688	0.03101	0.003043	0.099915	0.000382
0.019637	0.01306	0.003452	9.63E-05	0.003195
0.002984	0.00203	0.021541	0.0005	0.009176
0.004252	0.002361	0.002313	0.008196	0.023789
0.002798	0.007371	0.003395	0.000812	0.000688
0.000258	0.003095	7.57E-05	0.000934	0.000567
0.000634	0.011113	0.072693	0.047692	0.00837
0.002623	0.003693	0.00042	0.004968	0.001316
0.001297	0.001169	0.000491	0.006406	0.001029
0.002175	0.000319	0.020954	0.001597	0.001076
0.035022	0.002245	0.005595	0.001126	0.016284
0.00177	0.000841	0.039639	0.000603	0.005306
0.004945	0.001772	0.001339	0.002957	0.007881
0.071678	0.000377	0.057896	0.002465	0.0041
0.008886	0.024531	0.015207	0.003821	0.010627
0.006732	0.000398	0.002674	0.001379	0.001792
0.007382	0.000485	0.000753	0.000401	0.001723
0.000582	7.92E-05	0.010784	0.011973	0.001651
0.005377	0.000776	0.014772	0.035075	0.020264
0.000599	3.79E-05	0.002653	0.00159	0.000795
0.000384	0.002106	0.002118	0.008513	0.002886
0.061784	0.000635	0.000512	0.004672	0.002872
0.003406	0.001221	0.01191	0.083638	0.385864
0.007351	0.00144	0.002575	0.00332	0.049125
0.004455	0.001495	0.009551	0.01809	0.00066
0.005557	0.001925	0.001833	0.004333	0.007027
0.004322	0.000102	0.010336	0.00151	0.032911
0.000429	0.016135	0.006118	0.001073	0.005134
0.004804	0.00074	0.001015	0.02252	0.001004
0.035758	0.019382	0.001975	0.001185	0.026588

0.00572	0.006804	0.00656	0.000877	0.052311
0.005522	0.00046	0.005832	0.000722	0.037045
0.002752	0.000145	0.003009	0.00012	0.019756
0.000763	0.009087	0.013607	0.006303	0.000581
0.00015	0.002305	0.011412	0.003252	0.000705
0.000653	0.004007	0.001093	0.00239	0.001116
0.001831	0.002407	0.00013	0.00061	0.001215
0.009266	0.001573	0.000599	0.000345	0.013314
0.007756	0.007709	0.002002	0.009607	0.000818
0.001308	0.011378	0.023774	0.007171	0.002546
0.010986	0.010021	0.004195	0.002459	0.004909
0.000555	0.000288	0.004566	0.008052	0.000894
0.001101	0.041064	0.0009	0.0124	0.001356
0.006216	0.027325	0.000408	0.012838	0.000915
0.000454	0.044523	0.004653	0.022198	0.000629
0.003653	0.002043	0.00068	0.002847	0.002167
0.005173	0.001949	0.00665	0.02329	0.003505
0.136968	0.069337	0.001456	0.005229	0.002378
0.001164	0.002594	0.001041	0.010481	0.000905
0.017772	0.000295	0.005658	0.001617	0.001418
0.00105	0.00115	0.004084	0.000587	0.02869
0.000622	0.005989	0.00024	0.003983	0.001541
0.001919	0.001998	0.000389	0.01405	0.003926
0.018769	0.000278	0.000213	0.028375	0.005407
0.012511	0.000332	0.009711	0.017263	0.005295
0.001203	0.0138	0.000233	0.001805	0.001907
0.033703	0.004127	0.002515	0.019126	0.003586
0.007576	0.003546	0.001643	0.000301	0.001696
5.46E-05	0.014923	0.006862	0.000856	0.053722
0.000174	0.000768	0.008253	0.006166	0.005053
0.000971	0.003088	0.00293	0.003292	0.010533
0.007521	0.004163	0.000945	0.002256	0.001859
0.002054	0.016469	0.003715	0.001627	0.001299
0.005486	0.000356	0.013209	0.002625	0.025968
0.000253	0.001253	0.002537	0.165065	0.01264
0.010103	0.03068	0.003366	0.00281	
0.000958	0.000801	0.000571	0.000205	
0.006565	0.015323	0.006076	0.004503	
0.000334	0.004539	0.020382	0.006701	PEACHES-CAN
0.012271	0.042297	0.002135	0.002987	NED-PDP
0.000516	0.002812	0.007233	0.03156	TOTALZ=589
0.000473	5E-05	0.000219	0.018481	TOTALLOD=119
0.003851	0.001731	0.00053	0.000112	LODRES=.0025
0.002724	0.01116	0.004883	0.005922	.0025
0.007858	0.008751	0.025216	0.000987	
0.001395	0.001479	0.001361	0.000864	
0.000711	0.000226	0.00945	0.025584	PEANUT-FDA
0.000263	0.001872	2.63E-05	9.15E-05	TOTALLOD=96
0.000786	0.000437	0.00133	0.00016	LODRES=.00015
0.001019	0.002231	0.009392	0.004706	
0.000305	0.001781	0.00602	0.001239	0.021
0.002189	0.002688	0.006947	0.01438	0.02
0.008889	0.000247	0.015642	0.001559	0.02
0.000442	0.00171	0.005766	0.002713	0.0005
0.000165	0.000446	0.006886	0.008292	0.04
0.003774	0.008624	0.003898	0.000277	0.0005
0.001057	0.00216	0.00803	0.001755	

	0.001326	0.002537	0.004959	0.013003
PLUM2000NB	0.004043	0.015685	0.000329	0.003008
TOTALZ=22278	0.000497	0.00147	0.018707	0.005018
TOTALLOD=422	0.009112	0.013633	0.003352	0.001646
LODRS=.0025	0.000226	0.006512	0.002654	0.001052
0.00341	0.000372	0.00447	0.011329	0.017526
0.00327	0.000709	0.022162	0.042916	0.005224
0.003681	0.00047	0.000279	0.000545	0.017208
0.048628	0.003075	0.016789	0.006276	0.000677
0.001776	0.000506	0.000451	0.002144	0.000221
0.001605	0.002067	0.018323	0.00174	0.002224
0.008409	0.009423	0.025586	0.089071	0.002836
0.000336	0.000903	0.0007	0.00851	0.011794
0.001361	0.001696	0.00051	0.001034	0.008079
0.021599	0.013188	0.005433	0.00562	0.002348
0.008139	0.010726	0.003782	0.007564	0.00167
0.005314	0.000533	0.02327	0.000361	0.001833
0.00289	0.005966	0.005911	0.001615	4.41E-05
0.00091	0.123829	0.002294	0.00092	0.00777
0.012764	8.29E-05	0.000209	0.005122	0.001538
0.021306	0.01559	0.006257	0.006401	0.000289
0.012013	0.024735	0.002756	0.001979	0.039379
0.002275	0.005549	0.000519	0.001283	0.004315
0.020922	0.000252	0.060828	0.011444	0.009999
0.003922	0.013488	0.002716	0.000408	0.020685
0.00274	0.018411	0.000609	0.008296	0.004857
3.49E-05	0.007005	0.029062	0.065495	0.00305
0.052163	0.001131	0.001304	0.001423	0.000176
0.009797	0.001263	0.025155	0.002099	0.001201
0.001498	0.002551	0.03772	0.000894	0.008563
0.003243	0.000415	0.007198	0.014031	0.000861
0.023958	0.004118	0.004378	0.002819	0.002776
0.006189	0.003307	0.005102	0.016524	0.001072
5.6E-05	0.00789	0.003961	0.003592	0.10385
0.000352	0.000566	0.000563	0.00013	0.003866
0.000145	0.002486	0.001142	0.007274	0.002261
0.001718	0.026418	0.004349	0.012429	0.001433
0.004687	0.003493	0.007868	0.002961	0.05672
0.000292	0.002244	0.003029	0.000988	0.004577
0.003624	0.000793	0.337842	0.023542	0.00247
0.003767	0.00072	0.008946	0.000702	0.001957
0.017882	0.001811	0.000967	0.036854	0.004066
0.007346	0.001571	0.002407	0.046843	0.001008
0.008035	0.00074	0.000959	0.008223	0.009533
0.005492	0.000606	0.000139	0.000324	0.013815
0.009911	0.001399	0.000198	0.000475	0.005775
0.001751	0.001714	0.001675	0.000387	0.001113
0.001152	0.006454	0.000303	0.001522	0.003156
0.027306	0.010511	0.053692	0.004509	0.001852
0.001918	0.001059	0.005479	0.031121	0.001801
0.001267	0.000746	0.002196	0.006063	0.012242
0.001414	0.010861	0.000112	0.000487	0.001024
0.000455	0.014284	0.000651	0.004622	0.002441
0.003463	0.01167	8.68E-05	0.019094	0.001041
0.007652	0.010305	0.0011	0.210025	0.000619
0.003593	0.003321	0.000426	0.009623	0.003171
0.000673	0.003712	0.00059	0.000763	0.00124

0.002667	0.000925	0.00488	0.003102	0.035758
0.000807	0.000394	0.000932	0.002328	0.003527
0.003823	0.000642	0.003228	0.002377	0.009887
0.007042	0.00194	0.001454	0.00518	0.006343
0.000126	0.005994	0.003199	0.008655	0.000989
0.001087	0.001511	0.004797	0.04504	0.000542
0.000824	0.000104	0.027985	0.000239	0.217453
0.004014	0.000523	0.01114	0.002438	0.001541
0.001077	0.009046	0.050386	0.001478	0.103281
0.004264	0.005884	0.083766	0.019977	0.004277
0.007638	0.000656	0.015451	0.015141	0.011774
0.001581	0.002559	0.004752	0.01106	0.00221
0.002128	0.010875	0.003653	0.003858	0.015691
0.002159	0.006116	0.000881	0.000245	0.000743
0.00205	0.004634	0.000437	0.01625	0.001476
0.00339	0.000117	0.001658	0.001311	0.00538
0.007496	0.027009	0.000314	0.033495	0.003037
0.006869	0.003541	0.005821	0.017082	0.000201
0.001225	0.00292	0.000183	0.002933	0.000122
0.03227	0.002579	0.000727	0.001336	0.003434
0.00414	0.001869	0.011875	0.005265	0.004408
0.001562	0.014563	0.001352	0.003131	0.000191
0.029553	0.003445	0.014772	0.006339	0.002341
0.003535	0.007141	0.01606	0.010254	0.004378
0.000667	0.000854	0.000214	0.071875	0.001145
0.00015	0.004185	0.009342	0.000195	0.029273
0.001441	0.010439	0.002008	0.036006	0.006466
9.99E-05	0.012543	0.006802	0.001392	0.000879
0.001117	0.000442	0.0019	0.000688	0.03101
0.030646	0.004427	0.000315	0.019637	0.01306
0.000578	0.010129	0.00125	0.002984	0.00203
0.000997	0.00042	0.020181	0.004252	0.002361
0.002032	0.000168	0.000358	0.002798	0.007371
0.00079	0.001881	0.001187	0.000258	0.003095
0.00665	0.009259	0.004195	0.000634	0.011113
0.000485	0.000342	0.154076	0.002623	0.003693
0.000627	0.000971	0.000275	0.001297	0.001169
0.006894	0.0003	0.002506	0.002175	0.000319
8.45E-06	7.45E-05	0.001554	0.035022	0.002245
0.000259	0.000782	0.001371	0.00177	0.000841
0.002876	0.000827	0.000551	0.004945	0.001772
0.00881	0.000462	0.005639	0.071678	0.000377
0.003936	0.002057	0.000269	0.008886	0.024531
0.000876	0.002399	0.005058	0.006732	0.000398
0.000378	0.0008	0.001194	0.007382	0.000485
0.000159	0.001161	0.000165	0.000582	7.92E-05
0.000229	0.001625	0.002316	0.005377	0.000776
0.000837	0.001217	6.51E-05	0.000599	3.79E-05
0.001988	0.006576	0.00019	0.000384	0.002106
0.002204	0.002616	0.000982	0.061784	0.000635
0.012675	0.014992	0.004706	0.003406	0.001221
0.032636	0.001171	0.000403	0.007351	0.00144
0.002692	0.000848	0.002111	0.004455	0.001495
0.000944	0.001926	0.013373	0.005557	0.001925
0.001819	0.000751	0.000766	0.004322	0.000102
0.041054	0.000542	0.005723	0.000429	0.016135
0.022558	0.004528	0.099064	0.004804	0.00074

0.019382	0.001975	0.001185	0.026588	0.001057
0.007463	0.000468	0.000353	0.00572	0.006804
0.000372	0.001267	0.00145	0.005522	0.00046
0.005102	0.002777	0.016837	0.002752	0.000145
0.003643	0.000963	0.003281	0.000763	0.009087
0.002094	0.037727	0.003222	0.00015	0.002305
0.002283	0.003879	0.001106	0.000653	0.004007
0.005009	0.000326	0.065384	0.001831	0.002407
0.045159	0.000827	0.002906	0.009266	0.001573
0.000244	0.000672	0.003759	0.007756	0.007709
0.001954	0.001198	0.003119	0.001308	0.011378
0.003188	0.001887	0.001686	0.010986	0.010021
0.000526	0.004598	0.000172	0.000555	0.000288
0.000644	0.004248	0.000359	0.001101	0.041064
0.001385	0.003146	0.000845	0.006216	0.027325
0.002068	0.008688	0.000313	0.000454	0.044523
0.002614	0.003601	0.002495	0.003653	0.002043
6.94E-05	0.004766	0.014455	0.005173	0.001949
0.000923	0.017735	0.013855	0.136968	0.069337
0.000498	0.011637	0.004043	0.001164	0.002594
0.001672	0.005866	0.001284	0.017772	0.000295
0.000697	0.000182	0.007138	0.00105	0.00115
0.004855	0.001258	0.021437	0.000622	0.005989
0.000189	0.00014	0.000732	0.001919	0.001998
0.002421	0.001409	0.008984	0.018769	0.000278
0.017171	0.085647	0.000413	0.012511	0.000332
0.000562	0.000662	0.001525	0.001203	0.0138
0.000267	0.000536	0.010173	0.033703	0.004127
0.003043	0.099915	0.000382	0.007576	0.003546
0.003452	9.63E-05	0.003195	5.46E-05	0.014923
0.021541	0.0005	0.009176	0.000174	0.000768
0.002313	0.008196	0.023789	0.000971	0.003088
0.003395	0.000812	0.000688	0.007521	0.004163
7.57E-05	0.000934	0.000567	0.002054	0.016469
0.072693	0.047692	0.00837	0.005486	0.000356
0.00042	0.004968	0.001316	0.000253	0.001253
0.000491	0.006406	0.001029	0.010103	0.03068
0.020954	0.001597	0.001076	0.000958	0.000801
0.005595	0.001126	0.016284	0.006565	0.015323
0.039639	0.000603	0.005306	0.000334	0.004539
0.001339	0.002957	0.007881	0.012271	0.042297
0.057896	0.002465	0.0041	0.000516	0.002812
0.015207	0.003821	0.010627	0.000473	5E-05
0.002674	0.001379	0.001792	0.003851	0.001731
0.000753	0.000401	0.001723	0.002724	0.01116
0.010784	0.011973	0.001651	0.007858	0.008751
0.014772	0.035075	0.020264	0.001395	0.001479
0.002653	0.00159	0.000795	0.000711	0.000226
0.002118	0.008513	0.002886	0.000263	0.001872
0.000512	0.004672	0.002872	0.000786	0.000437
0.01191	0.083638	0.385864	0.001019	0.002231
0.002575	0.00332	0.049125	0.000305	0.001781
0.009551	0.01809	0.00066	0.002189	0.002688
0.001833	0.004333	0.007027	0.008889	0.000247
0.010336	0.00151	0.032911	0.000442	0.00171
0.006118	0.001073	0.005134	0.000165	0.000446
0.001015	0.02252	0.001004	0.003774	0.008624

0.00216
0.00656
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0.006886

0.003898	0.000277	.099	0.003574	0.000855
0.00803	0.001755	.0005	0.013732	0.001897
0.000877	0.052311	.06	0.006364	0.001678
0.000722	0.037045	.028	0.006877	0.000875
0.00012	0.019756	.0005	0.004950	0.000737
0.006303	0.000581	.091	0.008246	0.001518
0.003252	0.000705	.0005	0.001843	0.001809
0.00239	0.001116	.02	0.001283	0.005691
0.00061	0.001215	.02	0.019799	0.008675
0.000345	0.013314	.009	0.001994	0.001193
0.009607	0.000818		0.001394	0.000882
0.007171	0.002546		0.001532	0.008924
0.002459	0.004909		0.000575	0.011309
0.008052	0.000894		0.003322	0.009496
0.0124	0.001356		0.006593	0.008528
0.012838	0.000915		0.003430	0.003204
0.022198	0.000629	CITRUS-OTHER	0.000806	0.003528
0.002847	0.002167	- (orange-pdp)	0.001449	0.002539
0.02329	0.003505	TOTALZ=5293	0.003798	0.012261
0.005229	0.002378	TOTALLOD=14	0.000621	0.001585
0.010481	0.000905	95	0.007667	0.010861
0.001617	0.001418	LODRES=.0021	0.000314	0.005735
0.000587	0.02869	0.003278	0.000483	0.004143
0.003983	0.001541	0.003162	0.000844	0.016531
0.01405	0.003926	0.003503	0.000591	0.000377
0.028375	0.005407	0.032604	0.002998	0.013003
0.017263	0.005295	0.001866	0.000630	0.000570
0.001805	0.001907	0.001709	0.002127	0.014024
0.019126	0.003586	0.007153	0.007893	0.018716
0.000301	0.001696	0.000443	0.001040	0.000834
0.000856	0.053722	0.001482	0.001792	0.000635
0.006166	0.005053	0.016167	0.010554	0.004904
0.003292	0.010533	0.006955	0.008828	0.003586
0.002256	0.001859	0.004811	0.000659	0.017243
0.001627	0.001299	0.002841	0.005317	0.005275
0.002625	0.025968	0.001047	0.073138	0.002327
0.165065	0.01264	0.010260	0.000132	0.000294
0.00281		0.015977	0.012197	0.005540
0.000205		0.009737	0.018177	0.002727
0.0044503		0.002311	0.004994	0.000645
0.006701	PLUMS-CANNE	0.015728	0.000345	0.039564
0.002987	D-PDP	0.003700	0.010762	0.002693
0.03156	TOTALZ=666	0.002714	0.014082	0.000740
0.018481	TOTALLOD=42	0.000063	0.006109	0.020895
0.000112	LODRES=.0025	0.034643	0.001263	0.001429
0.005922	.0025	0.008163	0.001390	0.018443
0.000987		0.001610	0.002552	0.026177
0.000864		0.003140	0.000530	0.006254
0.025584	RADISH - FDA	0.017682	0.003860	0.004069
9.15E-05	TOTALZ=96	0.005488	0.003193	0.004645
0.00016	TOTALLOD=9	0.000094	0.006770	0.003732
0.004706		0.000460	0.000694	0.000691
0.001239	LODRES=.00015	0.000214	0.002495	0.001273
0.01438	doc co-mingled	0.001813	0.019241	0.004046
0.001559	.039	0.004316	0.003348	0.006754
0.002713	.07	0.000391	0.002284	0.002960
0.008292	.07	0.003456	0.000930	0.174145

0.007547	0.000836	0.002029	0.002830	0.000964
0.001103	0.025657	0.003817	0.007448	0.000583
0.002427	0.031567	0.001143	0.003711	0.002118
0.001095	0.007016	0.007973	0.001013	0.002419
0.000206	0.000429	0.010987	0.000489	0.000937
0.000280	0.000597	0.005169	0.000232	0.001292
0.001774	0.000499	0.001245	0.000318	0.001728
0.000404	0.001633	0.003066	0.000973	0.001346
0.035519	0.004174	0.001935	0.002057	0.005784
0.004940	0.022168	0.001889	0.002248	0.002608
0.002241	0.005392	0.009897	0.010198	0.011792
0.000171	0.000610	0.001159	0.023098	0.001302
0.000783	0.004264	0.002456	0.002673	0.000984
0.000137	0.014533	0.001175	0.001081	0.002001
0.001233	0.115470	0.000750	0.001904	0.000886
0.000543	0.008038	0.003079	0.028165	0.000668
0.000720	0.000899	0.001368	0.016786	0.004189
0.004532	0.010427	0.002651	0.001062	0.004469
0.000434	0.002942	0.000944	0.000508	0.001069
0.014278	0.004578	0.003619	0.000774	0.003127
0.003230	0.001747	0.006136	0.002014	0.001570
0.002640	0.001187	0.000189	0.005339	0.003102
0.009255	0.013495	0.001221	0.001622	0.004404
0.029266	0.004740	0.000961	0.000161	0.020224
0.000672	0.013283	0.003775	0.000648	0.009122
0.005555	0.000810	0.001210	0.007619	0.033620
0.002195	0.000308	0.003977	0.005254	0.052169
0.001833	0.002266	0.006583	0.000788	0.012103
0.055013	0.002796	0.001687	0.002558	0.004368
0.007227	0.009583	0.002181	0.008934	0.003480
0.001169	0.006910	0.002208	0.005432	0.001018
0.005050	0.002374	0.002111	0.004274	0.000555
0.006528	0.001769	0.003262	0.000178	0.001758
0.000471	0.001917	0.006477	0.019613	0.000417
0.001718	0.000076	0.006006	0.003387	0.005205
0.001057	0.006681	0.001353	0.002867	0.000261
0.004660	0.001648	0.022874	0.002575	0.000862
0.005651	0.000388	0.003877	0.001950	0.009640
0.002049	0.027170	0.001669	0.011499	0.001474
0.001408	0.004018	0.021200	0.003308	0.011641
0.009336	0.008308	0.003382	0.006211	0.012514
0.000524	0.015574	0.000800	0.000991	0.000300
0.007071	0.004451	0.000221	0.003914	0.007835
0.042175	0.002977	0.001557	0.008624	0.002074
0.001540	0.000253	0.000155	0.010106	0.005955
0.002156	0.001330	0.001249	0.000561	0.001978
0.001030	0.007266	0.021876	0.004109	0.000419
0.011135	0.000998	0.000707	0.008402	0.001378
0.002781	0.002744	0.001133	0.000536	0.015246
0.012826	0.001206	0.002096	0.000243	0.000468
0.003429	0.062820	0.000926	0.001961	0.001317
0.000195	0.003654	0.005840	0.007775	0.003922
0.006311	0.002298	0.000607	0.000449	0.088345
0.010027	0.001550	0.000758	0.001108	0.000372
0.002902	0.037244	0.006025	0.000401	0.002512
0.001124	0.004228	0.000018	0.000120	0.001662
0.017417	0.002481	0.000353	0.000918	0.001491

0.000678	0.004521	0.001862	0.001462	0.002899
0.005064	0.045595	0.000489	0.037911	0.002477
0.000365	0.007503	0.018047	0.011938	0.003617
0.004610	0.005902	0.000512	0.002657	0.001500
0.001323	0.006391	0.000607	0.000889	0.000515
0.000239	0.000712	0.000127	0.008870	0.009708
0.002347	0.004860	0.000912	0.011642	0.024583
0.000107	0.000729	0.000067	0.002639	0.001696
0.000271	0.000497	0.002162	0.002173	0.007230
0.001118	0.040101	0.000767	0.000637	0.004304
0.004331	0.003276	0.001350	0.009665	0.052101
0.000517	0.006369	0.001557	0.002572	0.003204
0.002166	0.004131	0.001607	0.007986	0.013870
0.010682	0.005000	0.002000	0.001918	0.004033
0.000902	0.004024	0.000158	0.008550	0.001621
0.005129	0.000547	0.012564	0.005434	0.001207
0.060309	0.004409	0.000876	0.001150	0.016761
0.003021	0.024996	0.014722	0.002045	0.001315
0.002357	0.003376	0.006453	0.000589	0.000461
0.002400	0.008228	0.000483	0.001393	0.001566
0.004706	0.005606	0.004645	0.002745	0.013036
0.007334	0.001124	0.003472	0.001099	0.003171
0.030514	0.000669	0.002151	0.026181	0.003122
0.000329	0.118992	0.002318	0.003665	0.001239
0.002453	0.001650	0.004571	0.000430	0.042113
0.001592	0.062522	0.030584	0.000964	0.002855
0.015112	0.003988	0.000336	0.000806	0.003567
0.011892	0.009569	0.002026	0.001327	0.003035
0.009065	0.002254	0.003093	0.001966	0.001784
0.003648	0.012265	0.000651	0.004245	0.000248
0.000337	0.000879	0.000777	0.003965	0.000469
0.012642	0.001590	0.001505	0.003058	0.000982
0.001435	0.004862	0.002128	0.007358	0.000417
0.023623	0.002966	0.002606	0.003437	0.002503
0.013200	0.000284	0.000113	0.004379	0.011426
0.002878	0.000184	0.001059	0.013634	0.011014
0.001459	0.003299	0.000621	0.009473	0.003798
0.004773	0.004093	0.001770	0.005240	0.001409
0.003046	0.000272	0.000831	0.000260	0.006209
0.005603	0.002369	0.004450	0.001385	0.016062
0.008491	0.004069	0.000269	0.000208	0.000867
0.045703	0.001276	0.002439	0.001527	0.007574
0.000277	0.021026	0.013259	0.053181	0.000529
0.025146	0.005700	0.000690	0.000795	0.001635
0.001511	0.001016	0.000362	0.000662	0.008433
0.000821	0.022100	0.002971	0.060757	0.000494
0.014890	0.010466	0.003314	0.000150	0.003099
0.002922	0.002094	0.016130	0.000624	0.007714
0.003968	0.002386	0.002344	0.006996	0.017574
0.002764	0.006384	0.003266	0.000949	0.000822
0.000352	0.003015	0.000122	0.001071	0.000695
0.000766	0.009103	0.046152	0.032061	0.007125
0.002613	0.003513	0.000536	0.004539	0.001440
0.001421	0.001300	0.000613	0.005654	0.001164
0.002223	0.000424	0.015749	0.001702	0.001210
0.024550	0.002284	0.005030	0.001258	0.012665
0.001860	0.000977	0.027325	0.000734	0.004804

0.006763	0.009917	0.028901	0.002187	0.002924
0.003845	0.000641	0.002775	0.006280	0.022438
0.008758	0.000595	0.000085	0.000306	0.014129
0.001880	0.003642	0.001824	0.000656	0.000171
0.001817	0.002700	0.009136	0.004472	0.005284
0.001751	0.006747	0.007405	0.018482	0.001122
0.015300	0.001514	0.001593	0.001482	0.001001
0.000932	0.000846	0.000313	0.007913	0.018715
0.002839	0.000357	0.001952	0.000049	0.000144
0.002826	0.000922	0.000555	0.001453	0.000232
0.195344	0.001154	0.002272	0.007871	0.004331
0.032892	0.000407	0.001870	0.005359	0.001367
0.000793	0.002235	0.002669	0.006065	0.011375
0.006125	0.007505	0.000339	0.012232	0.001667
0.023266	0.000560	0.001806	0.005163	0.002690
0.004670	0.000239	0.000566	0.006019	0.007067
0.001139	0.003579	0.007311	0.003680	0.000374
0.019348	0.001191	0.002210	0.006874	0.001846
0.005127	0.005956	0.005772	0.001013	0.034728
0.004973	0.000581	0.005213	0.000856	0.025772
0.002724	0.000214	0.002942	0.000182	0.014967
0.000899	0.007650	0.010844	0.005576	0.000710
0.000221	0.002337	0.009314	0.003147	0.000839
0.000786	0.003770	0.001227	0.002411	0.001248
0.001915	0.002426	0.000194	0.000741	0.001344
0.007779	0.001680	0.000729	0.000453	0.010642
0.006671	0.006636	0.002069	0.008026	0.000954
0.001432	0.009290	0.017565	0.006234	0.002547
0.009013	0.008324	0.003921	0.002471	0.004492
0.000682	0.000387	0.004220	0.006890	0.001030
0.001234	0.028171	0.001037	0.010007	0.001477
0.005509	0.019811	0.000523	0.010312	0.001051
0.000574	0.030211	0.004289	0.016554	0.000760
0.003480	0.002106	0.000813	0.002805	0.002216
0.004701	0.002021	0.005840	0.017255	0.003358
0.079800	0.044305	0.001572	0.004745	0.002401
0.001295	0.002589	0.001175	0.008654	0.001042
0.013659	0.000396	0.005079	0.001720	0.001536
0.001184	0.001281	0.003831	0.000717	0.020664
0.000753	0.005335	0.000331	0.003750	0.001651
0.001994	0.002066	0.000502	0.011149	0.003703
0.014319	0.000375	0.000298	0.020467	0.004884
0.010085	0.000438	0.008101	0.013320	0.004796
0.001332	0.010976	0.000322	0.001892	0.001984
0.023750	0.003867	0.002520	0.014554	0.003424
0.006537	0.003392	0.001744	0.000402	0.001793
0.000092	0.011745	0.006001	0.000993	0.035536
0.000251	0.000904	0.007039	0.005471	0.004606
0.001107	0.003010	0.002876	0.003181	0.008691
0.006496	0.003896	0.001081	0.002294	0.001940
0.002115	0.012789	0.003530	0.001730	0.001423
0.004945	0.000465	0.010569	0.002615	0.018958
0.000347	0.001380	0.002539	0.093766	0.010175
0.008383	0.021896	0.003242	0.002774	
0.001094	0.000937	0.000700	0.000288	Apple Juice
0.005775	0.012016	0.005402	0.004169	TOTALZ=94
0.000441	0.004198	0.015376	0.005879	TOTALLOD=104

LODRES=.0004	0.046227	0.026121	0.017966	0.013433
0.0015	0.046016	0.025817	0.017923	0.013401
0.0015	0.045082	0.025779	0.017801	0.013347
	0.044809	0.025392	0.017762	0.013266
	0.044053	0.025319	0.017659	0.013217
CPY APPLES-DE	0.043994	0.025048	0.017623	0.013143
COMP MARKET	0.042532	0.024964	0.017462	0.013139
BASKET	0.0423	0.02486	0.017424	0.013041
TOTALZ=2899	0.04165	0.02458	0.017138	0.012964
TOTALLOD=536	0.041342	0.024332	0.017087	0.012881
LODRES=0.001	0.040934	0.024199	0.017008	0.012837
0.36444	0.040139	0.024155	0.016964	0.012797
0.324165	0.039646	0.023904	0.016862	0.012717
0.219869	0.039522	0.023588	0.016837	0.012652
0.213237	0.039151	0.023521	0.016705	0.012648
0.172457	0.039113	0.023477	0.016664	0.012516
0.1623	0.037882	0.02337	0.01642	0.012465
0.146311	0.037565	0.023075	0.016379	0.012368
0.133871	0.037326	0.023016	0.016337	0.012362
0.114644	0.036905	0.022696	0.016274	0.012311
0.114091	0.036547	0.02263	0.01606	0.012271
0.110808	0.036104	0.022405	0.016035	0.012236
0.109976	0.035353	0.022364	0.016001	0.012161
0.10014	0.035332	0.022224	0.015933	0.012081
0.09674	0.034992	0.022134	0.01584	0.012046
0.094865	0.034511	0.021685	0.015699	0.012023
0.094738	0.034318	0.021677	0.015681	0.012017
0.083724	0.033802	0.021625	0.015583	0.011832
0.082894	0.033363	0.021561	0.015509	0.01182
0.082694	0.033361	0.021392	0.015383	0.011803
0.080309	0.032938	0.021235	0.015263	0.011791
0.076375	0.032867	0.021094	0.015234	0.011674
0.076261	0.032384	0.021013	0.015197	0.011655
0.072549	0.032147	0.020832	0.015143	0.011592
0.071559	0.031485	0.020747	0.015011	0.011517
0.068511	0.031289	0.020562	0.014971	0.011499
0.067282	0.031273	0.020561	0.014906	0.011416
0.064139	0.031003	0.020305	0.014802	0.011401
0.064107	0.030711	0.020173	0.014746	0.011344
0.062653	0.030688	0.020081	0.014713	0.01131
0.062496	0.029858	0.019963	0.014607	0.011267
0.060616	0.029814	0.019674	0.014579	0.011158
0.059278	0.029438	0.01965	0.014466	0.011144
0.058749	0.029396	0.019432	0.014435	0.011118
0.057751	0.028737	0.019383	0.014319	0.01111
0.056844	0.028669	0.019365	0.014208	0.011014
0.05504	0.028547	0.019158	0.014094	0.01096
0.054912	0.028393	0.019126	0.014074	0.010913
0.054357	0.027979	0.018979	0.014002	0.010877
0.052624	0.027941	0.018836	0.013979	0.010836
0.051955	0.027663	0.018762	0.013872	0.010833
0.050618	0.027305	0.018633	0.013836	0.010704
0.050606	0.027167	0.018606	0.013796	0.010684
0.049067	0.027068	0.018446	0.013732	0.010655
0.048784	0.026827	0.018376	0.013633	0.010576
0.046975	0.026565	0.01817	0.013624	0.010505
0.046967	0.026424	0.018077	0.013516	0.010495

0.010472	0.008341	0.006767	0.005519	0.004531
0.010463	0.008326	0.006737	0.0055	0.004528
0.010384	0.008285	0.006703	0.005478	0.004487
0.010382	0.008235	0.006685	0.005461	0.004483
0.010288	0.008228	0.006672	0.005445	0.004474
0.010246	0.008167	0.006647	0.005419	0.00447
0.010178	0.008157	0.006623	0.005406	0.004441
0.010177	0.008103	0.006597	0.005384	0.004417
0.010078	0.008086	0.006564	0.005375	0.004411
0.010063	0.008059	0.006564	0.00534	0.004388
0.010056	0.008059	0.006523	0.005335	0.004376
0.009991	0.007997	0.006514	0.005324	0.004368
0.009928	0.00799	0.006479	0.005299	0.004355
0.009912	0.007941	0.006448	0.005277	0.004355
0.009848	0.007929	0.006411	0.005263	0.00432
0.009842	0.007872	0.006396	0.005241	0.004307
0.009763	0.007859	0.006391	0.005222	0.00429
0.009757	0.007839	0.006356	0.005199	0.004277
0.009708	0.007789	0.00633	0.005188	0.004253
0.009671	0.007752	0.006311	0.005178	0.004246
0.009645	0.007748	0.0063	0.005158	0.004235
0.00959	0.007717	0.00629	0.00512	0.004209
0.009553	0.007714	0.006248	0.005111	0.004204
0.009522	0.007642	0.006245	0.005101	0.004178
0.009457	0.007633	0.00619	0.005091	0.004157
0.009454	0.007589	0.006178	0.00506	0.004157
0.009399	0.007569	0.006169	0.005059	0.004145
0.009382	0.007505	0.006157	0.005028	0.00413
0.009323	0.007504	0.006093	0.005023	0.004112
0.009288	0.007477	0.006089	0.004989	0.004111
0.009281	0.007457	0.006061	0.004983	0.004087
0.009249	0.00743	0.006044	0.004948	0.004066
0.00919	0.007403	0.006004	0.004943	0.004056
0.009174	0.007386	0.006003	0.004928	0.004036
0.009138	0.007353	0.005989	0.004907	0.004019
0.009112	0.007323	0.005961	0.004883	0.004013
0.009066	0.007308	0.005929	0.004878	0.004002
0.009051	0.007269	0.005916	0.004863	0.003984
0.008987	0.007254	0.005915	0.004857	0.003967
0.008976	0.007227	0.005906	0.004819	0.003956
0.008916	0.007219	0.005848	0.004803	0.003933
0.008912	0.007172	0.005841	0.004778	0.003926
0.008827	0.00715	0.005832	0.004767	0.003909
0.008801	0.007111	0.00582	0.004764	0.003908
0.008775	0.007084	0.005789	0.004747	0.003887
0.00874	0.007042	0.005771	0.004715	0.003877
0.008688	0.007041	0.005727	0.004713	0.003855
0.008677	0.007001	0.005712	0.004683	0.003846
0.00864	0.006977	0.005701	0.004678	0.003834
0.008599	0.006963	0.005686	0.00466	0.003823
0.00859	0.006952	0.00565	0.004635	0.003802
0.00858	0.006898	0.005645	0.004623	0.00379
0.008517	0.00688	0.005628	0.004618	0.003779
0.008481	0.006863	0.005621	0.004588	0.003777
0.008444	0.006858	0.005586	0.004581	0.003753
0.00844	0.006782	0.005565	0.00456	0.003739
0.008353	0.006781	0.005519	0.004549	0.00373

0.003714	0.003038	0.002458	0.001958	0.001516
0.003703	0.00302	0.002442	0.001949	0.001511
0.003696	0.003015	0.002434	0.001942	0.00151
0.003684	0.003011	0.002428	0.00193	0.001493
0.003676	0.002993	0.002423	0.001924	0.001489
0.003636	0.002981	0.002413	0.001912	0.001481
0.003635	0.002974	0.00241	0.001898	0.001476
0.003619	0.002969	0.002389	0.001897	0.001471
0.003614	0.002944	0.002387	0.001894	0.00147
0.003608	0.002941	0.002362	0.001887	0.001456
0.003598	0.002927	0.002361	0.001869	0.001447
0.00358	0.002924	0.002355	0.001867	0.001438
0.003578	0.002908	0.002347	0.001861	0.001435
0.003543	0.002896	0.002338	0.001854	0.00142
0.003534	0.002885	0.002334	0.001847	0.001416
0.003528	0.00287	0.002318	0.001845	0.001408
0.003512	0.002858	0.002316	0.001823	0.001403
0.003499	0.002855	0.002293	0.001823	0.0014
0.003492	0.002839	0.002287	0.001806	0.001394
0.003463	0.002835	0.002279	0.001802	0.001379
0.003459	0.002827	0.002276	0.00179	0.001378
0.003451	0.002807	0.002256	0.001786	0.001364
0.003438	0.002806	0.002253	0.001782	0.001359
0.003415	0.002802	0.002248	0.001772	0.001352
0.003413	0.002781	0.00224	0.001765	0.001351
0.003404	0.002776	0.00223	0.001756	0.001341
0.003403	0.002758	0.002226	0.001753	0.001333
0.003385	0.002756	0.002203	0.001748	0.001329
0.003375	0.002736	0.0022	0.001736	0.001321
0.003354	0.002732	0.002191	0.001736	0.001317
0.003346	0.002706	0.002187	0.001715	0.001312
0.003331	0.002705	0.002172	0.001711	0.001301
0.003327	0.002701	0.002168	0.001707	0.001297
0.00331	0.002692	0.002159	0.001706	0.001285
0.0033	0.00267	0.002154	0.001686	0.001284
0.00327	0.002667	0.002137	0.00168	0.001274
0.00327	0.002659	0.002128	0.001672	0.00127
0.003267	0.002645	0.002113	0.001669	0.001261
0.003247	0.002644	0.002111	0.001657	0.001256
0.003235	0.002632	0.002106	0.001653	0.001241
0.003225	0.002616	0.002094	0.001645	0.001239
0.00322	0.002608	0.002087	0.001638	0.001234
0.003205	0.002601	0.002085	0.001622	0.001228
0.003188	0.002593	0.002074	0.001622	0.00122
0.00318	0.002577	0.002064	0.001616	0.00122
0.003174	0.00257	0.002046	0.001605	0.001204
0.003171	0.002565	0.002045	0.001596	0.001199
0.003146	0.002554	0.002039	0.001588	0.00119
0.003141	0.002545	0.002038	0.001576	0.001188
0.003123	0.002531	0.002016	0.001575	0.001182
0.003108	0.002516	0.002013	0.001567	0.001171
0.003096	0.002515	0.002005	0.001563	0.001162
0.003089	0.002507	0.002	0.001557	0.001161
0.003082	0.0025	0.001986	0.00155	0.001155
0.003076	0.00248	0.001985	0.001543	0.001154
0.003053	0.002475	0.001974	0.001532	0.00114
0.003053	0.002464	0.001966	0.00152	0.001133

0.001124	0.000772	0.000415	0.000443	0.001040
0.001118	0.000765	0.000411	0.001482	0.001792
0.001117	0.000764	0.000406	0.016167	0.010554
0.001106	0.000751	0.000399	0.006955	0.008828
0.001102	0.000745	0.000391	0.004811	0.000659
0.001096	0.000734	0.000391	0.002841	0.005317
0.001088	0.00073	0.00038	0.001047	0.073138
0.001083	0.000726	0.000379	0.010260	0.000132
0.001076	0.000719	0.000361	0.015977	0.012197
0.00107	0.000713	0.000361	0.009737	0.018177
0.001063	0.00071	0.00035	0.002311	0.004994
0.001059	0.000701	0.000349	0.015728	0.000345
0.001052	0.000694	0.00034	0.003700	0.010762
0.001041	0.00069	0.000337	0.002714	0.014082
0.001036	0.00069	0.000318	0.000063	0.006109
0.001036	0.000673	0.000317	0.034643	0.001263
0.001023	0.000669	0.000308	0.008163	0.001390
0.001018	0.000666	0.0003	0.001610	0.002552
0.001012	0.000663	0.000296	0.003140	0.000530
0.001012	0.000655	0.00029	0.017682	0.003860
0.000995	0.000647	0.000279	0.005488	0.003193
0.000992	0.000641	0.000278	0.000094	0.006770
0.000985	0.000639	0.000262	0.000460	0.000694
0.000982	0.000623	0.000256	0.000214	0.002495
0.000971	0.00062	0.000252	0.001813	0.019241
0.000968	0.000618	0.000244	0.004316	0.003348
0.000958	0.000614	0.000233	0.000391	0.002284
0.000956	0.000602	0.000223	0.003456	0.000930
0.00095	0.000598	0.000214	0.003574	0.000855
0.000942	0.00059	0.000205	0.013732	0.001897
0.000934	0.000583	0.000197	0.006364	0.001678
0.000933	0.000581	0.000194	0.006877	0.000875
0.000925	0.000572	0.000183	0.004950	0.000737
0.000924	0.000569	0.000173	0.008246	0.001518
0.00091	0.000559	0.000151	0.001843	0.001809
0.000903	0.000555	0.000148	0.001283	0.005691
0.000892	0.000554	0.000137	0.019799	0.008675
0.000892	0.000546	0.000122	0.001994	0.001193
0.000882	0.000542	0.000107	0.001394	0.000882
0.00088	0.00053	9.98E-05	0.001532	0.008924
0.000871	0.000524	7.78E-05	0.000575	0.011309
0.00087	0.000518	2.86E-05	0.003322	0.009496
0.00086	0.000516		0.006593	0.008528
0.000857	0.000508		0.003430	0.003204
0.000852	0.000503	GRAPEFRUIT -	0.000806	0.003528
0.000844	0.000493	(orange- pdp)	0.001449	0.002539
0.000834	0.00049	TOTALZ=13099	0.003798	0.012261
0.00083	0.000483	TOTALLOD=14	0.000621	0.001585
0.000825	0.000474	95	0.007667	0.010861
0.000821	0.000466	LODRES=.0021	0.000314	0.005735
0.000813	0.00046	0.003278	0.000483	0.004143
0.000812	0.000454	0.003162	0.000844	0.016531
0.000802	0.000447	0.003503	0.000591	0.000377
0.000802	0.000444	0.032604	0.002998	0.013003
0.000782	0.000442	0.001866	0.000630	0.000570
0.000778	0.000429	0.001709	0.002127	0.014024
0.000776	0.000427	0.007153	0.007893	0.018716

0.000834	0.007227	0.009583	0.002181	0.008934
0.000635	0.001169	0.006910	0.002208	0.005432
0.004904	0.005050	0.002374	0.002111	0.004274
0.003586	0.006528	0.001769	0.003262	0.000178
0.017243	0.000471	0.001917	0.006477	0.019613
0.005275	0.001718	0.000076	0.006006	0.003387
0.002327	0.001057	0.006681	0.001353	0.002867
0.000294	0.004660	0.001648	0.022874	0.002575
0.005540	0.005651	0.000388	0.003877	0.001950
0.002727	0.002049	0.027170	0.001669	0.011499
0.000645	0.001408	0.004018	0.021200	0.003308
0.039564	0.009336	0.008308	0.003382	0.006211
0.002693	0.000524	0.015574	0.000800	0.000991
0.000740	0.007071	0.004451	0.000221	0.003914
0.020895	0.042175	0.002977	0.001557	0.008624
0.001429	0.001540	0.000253	0.000155	0.010106
0.018443	0.002156	0.001330	0.001249	0.000561
0.026177	0.001030	0.007266	0.021876	0.004109
0.006254	0.011135	0.000998	0.000707	0.008402
0.004069	0.002781	0.002744	0.001133	0.000536
0.004645	0.012826	0.001206	0.002096	0.000243
0.003732	0.003429	0.062820	0.000926	0.001961
0.000691	0.000195	0.003654	0.005840	0.007775
0.001273	0.006311	0.002298	0.000607	0.000449
0.004046	0.010027	0.001550	0.000758	0.001108
0.006754	0.002902	0.037244	0.006025	0.000401
0.002960	0.001124	0.004228	0.000018	0.000120
0.174145	0.017417	0.002481	0.000353	0.000918
0.007547	0.000836	0.002029	0.002830	0.000964
0.001103	0.025657	0.003817	0.007448	0.000583
0.002427	0.031567	0.001143	0.003711	0.002118
0.001095	0.007016	0.007973	0.001013	0.002419
0.000206	0.000429	0.010987	0.000489	0.000937
0.000280	0.000597	0.005169	0.000232	0.001292
0.001774	0.000499	0.001245	0.000318	0.001728
0.000404	0.001633	0.003066	0.000973	0.001346
0.035519	0.004174	0.001935	0.002057	0.005784
0.004940	0.022168	0.001889	0.002248	0.002608
0.002241	0.005392	0.009897	0.010198	0.011792
0.000171	0.000610	0.001159	0.023098	0.001302
0.000783	0.004264	0.002456	0.002673	0.000984
0.000137	0.014533	0.001175	0.001081	0.002001
0.001233	0.115470	0.000750	0.001904	0.000886
0.000543	0.008038	0.003079	0.028165	0.000668
0.000720	0.000899	0.001368	0.016786	0.004189
0.004532	0.010427	0.002651	0.001062	0.004469
0.000434	0.002942	0.000944	0.000508	0.001069
0.014278	0.004578	0.003619	0.000774	0.003127
0.003230	0.001747	0.006136	0.002014	0.001570
0.002640	0.001187	0.000189	0.005339	0.003102
0.009255	0.013495	0.001221	0.001622	0.004404
0.029266	0.004740	0.000961	0.000161	0.020224
0.000672	0.013283	0.003775	0.000648	0.009122
0.005555	0.000810	0.001210	0.007619	0.033620
0.002195	0.000308	0.003977	0.005254	0.052169
0.001833	0.002266	0.006583	0.000788	0.012103
0.055013	0.002796	0.001687	0.002558	0.004368

0.003480	0.003648	0.012265	0.000651	0.004245
0.001018	0.000337	0.000879	0.000777	0.003965
0.000555	0.012642	0.001590	0.001505	0.003058
0.001758	0.001435	0.004862	0.002128	0.007358
0.000417	0.023623	0.002966	0.002606	0.003437
0.005205	0.013200	0.000284	0.000113	0.004379
0.000261	0.002878	0.000184	0.001059	0.013634
0.000862	0.001459	0.003299	0.000621	0.009473
0.009640	0.004773	0.004093	0.001770	0.005240
0.001474	0.003046	0.000272	0.000831	0.000260
0.011641	0.005603	0.002369	0.004450	0.001385
0.012514	0.008491	0.004069	0.000269	0.000208
0.000300	0.045703	0.001276	0.002439	0.001527
0.007835	0.000277	0.021026	0.013259	0.053181
0.002074	0.025146	0.005700	0.000690	0.000795
0.005955	0.001511	0.001016	0.000362	0.000662
0.001978	0.000821	0.022100	0.002971	0.060757
0.000419	0.014890	0.010466	0.003314	0.000150
0.001378	0.002922	0.002094	0.016130	0.000624
0.015246	0.003968	0.002386	0.002344	0.006996
0.000468	0.002764	0.006384	0.003266	0.000949
0.001317	0.000352	0.003015	0.000122	0.001071
0.003922	0.000766	0.009103	0.046152	0.032061
0.088345	0.002613	0.003513	0.000536	0.004539
0.000372	0.001421	0.001300	0.000613	0.005654
0.002512	0.002223	0.000424	0.015749	0.001702
0.001662	0.024550	0.002284	0.005030	0.001258
0.001491	0.001860	0.000977	0.027325	0.000734
0.000678	0.004521	0.001862	0.001462	0.002899
0.005064	0.045595	0.000489	0.037911	0.002477
0.000365	0.007503	0.018047	0.011938	0.003617
0.004610	0.005902	0.000512	0.002657	0.001500
0.001323	0.006391	0.000607	0.000889	0.000515
0.000239	0.000712	0.000127	0.008870	0.009708
0.002347	0.004860	0.000912	0.011642	0.024583
0.000107	0.000729	0.000067	0.002639	0.001696
0.000271	0.000497	0.002162	0.002173	0.007230
0.001118	0.040101	0.000767	0.000637	0.004304
0.004331	0.003276	0.001350	0.009665	0.052101
0.000517	0.006369	0.001557	0.002572	0.003204
0.002166	0.004131	0.001607	0.007986	0.013870
0.010682	0.005000	0.002000	0.001918	0.004033
0.000902	0.004024	0.000158	0.008550	0.001621
0.005129	0.000547	0.012564	0.005434	0.001207
0.060309	0.004409	0.000876	0.001150	0.016761
0.003021	0.024996	0.014722	0.002045	0.001315
0.002357	0.003376	0.006453	0.000589	0.000461
0.002400	0.008228	0.000483	0.001393	0.001566
0.004706	0.005606	0.004645	0.002745	0.013036
0.007334	0.001124	0.003472	0.001099	0.003171
0.030514	0.000669	0.002151	0.026181	0.003122
0.000329	0.118992	0.002318	0.003665	0.001239
0.002453	0.001650	0.004571	0.000430	0.042113
0.001592	0.062522	0.030584	0.000964	0.002855
0.015112	0.003988	0.000336	0.000806	0.003567
0.011892	0.009569	0.002026	0.001327	0.003035
0.009065	0.002254	0.003093	0.001966	0.001784

0.000248	0.000682	0.000387	0.004220	0.006890
0.000469	0.001234	0.028171	0.001037	0.010007
0.000982	0.005509	0.019811	0.000523	0.010312
0.000417	0.000574	0.030211	0.004289	0.016554
0.002503	0.003480	0.002106	0.000813	0.002805
0.011426	0.004701	0.002021	0.005840	0.017255
0.011014	0.079800	0.044305	0.001572	0.004745
0.003798	0.001295	0.002589	0.001175	0.008654
0.001409	0.013659	0.000396	0.005079	0.001720
0.006209	0.001184	0.001281	0.003831	0.000717
0.016062	0.000753	0.005335	0.000331	0.003750
0.000867	0.001994	0.002066	0.000502	0.011149
0.007574	0.014319	0.000375	0.000298	0.020467
0.000529	0.010085	0.000438	0.008101	0.013320
0.001635	0.001332	0.010976	0.000322	0.001892
0.008433	0.023750	0.003867	0.002520	0.014554
0.000494	0.006537	0.003392	0.001744	0.000402
0.003099	0.000092	0.011745	0.006001	0.000993
0.007714	0.000251	0.000904	0.007039	0.005471
0.017574	0.001107	0.003010	0.002876	0.003181
0.000822	0.006496	0.003896	0.001081	0.002294
0.000695	0.002115	0.012789	0.003530	0.001730
0.007125	0.004945	0.000465	0.010569	0.002615
0.001440	0.000347	0.001380	0.002539	0.093766
0.001164	0.008383	0.021896	0.003242	0.002774
0.001210	0.001094	0.000937	0.000700	0.000288
0.012665	0.005775	0.012016	0.005402	0.004169
0.004804	0.000441	0.004198	0.015376	0.005879
0.006763	0.009917	0.028901	0.002187	0.002924
0.003845	0.000641	0.002775	0.006280	0.022438
0.008758	0.000595	0.000085	0.000306	0.014129
0.001880	0.003642	0.001824	0.000656	0.000171
0.001817	0.002700	0.009136	0.004472	0.005284
0.001751	0.006747	0.007405	0.018482	0.001122
0.015300	0.001514	0.001593	0.001482	0.001001
0.000932	0.000846	0.000313	0.007913	0.018715
0.002839	0.000357	0.001952	0.000049	0.000144
0.002826	0.000922	0.000555	0.001453	0.000232
0.195344	0.001154	0.002272	0.007871	0.004331
0.032892	0.000407	0.001870	0.005359	0.001367
0.000793	0.002235	0.002669	0.006065	0.011375
0.006125	0.007505	0.000339	0.012232	0.001667
0.023266	0.000560	0.001806	0.005163	0.002690
0.004670	0.000239	0.000566	0.006019	0.007067
0.001139	0.003579	0.007311	0.003680	0.000374
0.019348	0.001191	0.002210	0.006874	0.001846
0.005127	0.005956	0.005772	0.001013	0.034728
0.004973	0.000581	0.005213	0.000856	0.025772
0.002724	0.000214	0.002942	0.000182	0.014967
0.000899	0.007650	0.010844	0.005576	0.000710
0.000221	0.002337	0.009314	0.003147	0.000839
0.000786	0.003770	0.001227	0.002411	0.001248
0.001915	0.002426	0.000194	0.000741	0.001344
0.007779	0.001680	0.000729	0.000453	0.010642
0.006671	0.006636	0.002069	0.008026	0.000954
0.001432	0.009290	0.017565	0.006234	0.002547
0.009013	0.008324	0.003921	0.002471	0.004492

0.001030	0.003140	0.000530	0.006254	0.011135
0.001477	0.017682	0.003860	0.004069	0.002781
0.001051	0.005488	0.003193	0.004645	0.012826
0.000760	0.000094	0.006770	0.003732	0.003429
0.002216	0.000460	0.000694	0.000691	0.000195
0.003358	0.000214	0.002495	0.001273	0.006311
0.002401	0.001813	0.019241	0.004046	0.010027
0.001042	0.004316	0.003348	0.006754	0.002902
0.001536	0.000391	0.002284	0.002960	0.001124
0.020664	0.003456	0.000930	0.174145	0.017417
0.001651	0.003574	0.000855	0.007547	0.000836
0.003703	0.013732	0.001897	0.001103	0.025657
0.004884	0.006364	0.001678	0.002427	0.031567
0.004796	0.006877	0.000875	0.001095	0.007016
0.001984	0.004950	0.000737	0.000206	0.000429
0.003424	0.008246	0.001518	0.000280	0.000597
0.001793	0.001843	0.001809	0.001774	0.000499
0.035536	0.001283	0.005691	0.000404	0.001633
0.004606	0.019799	0.008675	0.035519	0.004174
0.008691	0.001994	0.001193	0.004940	0.022168
0.001940	0.001394	0.000882	0.002241	0.005392
0.001423	0.001532	0.008924	0.000171	0.000610
0.018958	0.000575	0.011309	0.000783	0.004264
0.010175	0.003322	0.009496	0.000137	0.014533
	0.006593	0.008528	0.001233	0.115470
	0.003430	0.003204	0.000543	0.008038
LEMON -	0.000806	0.003528	0.000720	0.000899
(orange-pdp)	0.001449	0.002539	0.004532	0.010427
TOTALZ=3307	0.003798	0.012261	0.000434	0.002942
TOTALLOD=14	0.000621	0.001585	0.014278	0.004578
95	0.007667	0.010861	0.003230	0.001747
LODRS=.0021	0.000314	0.005735	0.002640	0.001187
0.003278	0.000483	0.004143	0.009255	0.013495
0.003162	0.000844	0.016531	0.029266	0.004740
0.003503	0.000591	0.000377	0.000672	0.013283
0.032604	0.002998	0.013003	0.005555	0.000810
0.001866	0.000630	0.000570	0.002195	0.000308
0.001709	0.002127	0.014024	0.001833	0.002266
0.007153	0.007893	0.018716	0.055013	0.002796
0.000443	0.001040	0.000834	0.007227	0.009583
0.001482	0.001792	0.000635	0.001169	0.006910
0.016167	0.010554	0.004904	0.005050	0.002374
0.006955	0.008828	0.003586	0.006528	0.001769
0.004811	0.000659	0.017243	0.000471	0.001917
0.002841	0.005317	0.005275	0.001718	0.000076
0.001047	0.073138	0.002327	0.001057	0.006681
0.010260	0.000132	0.000294	0.004660	0.001648
0.015977	0.012197	0.005540	0.005651	0.000388
0.009737	0.018177	0.002727	0.002049	0.027170
0.002311	0.004994	0.000645	0.001408	0.004018
0.015728	0.000345	0.039564	0.009336	0.008308
0.003700	0.010762	0.002693	0.000524	0.015574
0.002714	0.014082	0.000740	0.007071	0.004451
0.000063	0.006109	0.020895	0.042175	0.002977
0.034643	0.001263	0.001429	0.001540	0.000253
0.008163	0.001390	0.018443	0.002156	0.001330
0.001610	0.002552	0.026177	0.001030	0.007266

0.000998	0.000707	0.008402	0.001378	0.002922
0.002744	0.001133	0.000536	0.015246	0.003968
0.001206	0.002096	0.000243	0.000468	0.002764
0.062820	0.000926	0.001961	0.001317	0.000352
0.003654	0.005840	0.007775	0.003922	0.000766
0.002298	0.000607	0.000449	0.088345	0.002613
0.001550	0.000758	0.001108	0.000372	0.001421
0.037244	0.006025	0.000401	0.002512	0.002223
0.004228	0.000018	0.000120	0.001662	0.024550
0.002481	0.000353	0.000918	0.001491	0.001860
0.002029	0.002830	0.000964	0.000678	0.004521
0.003817	0.007448	0.000583	0.005064	0.045595
0.001143	0.003711	0.002118	0.000365	0.007503
0.007973	0.001013	0.002419	0.004610	0.005902
0.010987	0.000489	0.000937	0.001323	0.006391
0.005169	0.000232	0.001292	0.000239	0.000712
0.001245	0.000318	0.001728	0.002347	0.004860
0.003066	0.000973	0.001346	0.000107	0.000729
0.001935	0.002057	0.005784	0.000271	0.000497
0.001889	0.002248	0.002608	0.001118	0.040101
0.009897	0.010198	0.011792	0.004331	0.003276
0.001159	0.023098	0.001302	0.000517	0.006369
0.002456	0.002673	0.000984	0.002166	0.004131
0.001175	0.001081	0.002001	0.010682	0.005000
0.000750	0.001904	0.000886	0.000902	0.004024
0.003079	0.028165	0.000668	0.005129	0.000547
0.001368	0.016786	0.004189	0.060309	0.004409
0.002651	0.001062	0.004469	0.003021	0.024996
0.000944	0.000508	0.001069	0.002357	0.003376
0.003619	0.000774	0.003127	0.002400	0.008228
0.006136	0.002014	0.001570	0.004706	0.005606
0.000189	0.005339	0.003102	0.007334	0.001124
0.001221	0.001622	0.004404	0.030514	0.000669
0.000961	0.000161	0.020224	0.000329	0.118992
0.003775	0.000648	0.009122	0.002453	0.001650
0.001210	0.007619	0.033620	0.001592	0.062522
0.003977	0.005254	0.052169	0.015112	0.003988
0.006583	0.000788	0.012103	0.011892	0.009569
0.001687	0.002558	0.004368	0.009065	0.002254
0.002181	0.008934	0.003480	0.003648	0.012265
0.002208	0.005432	0.001018	0.000337	0.000879
0.002111	0.004274	0.000555	0.012642	0.001590
0.003262	0.000178	0.001758	0.001435	0.004862
0.006477	0.019613	0.000417	0.023623	0.002966
0.006006	0.003387	0.005205	0.013200	0.000284
0.001353	0.002867	0.000261	0.002878	0.000184
0.022874	0.002575	0.000862	0.001459	0.003299
0.003877	0.001950	0.009640	0.004773	0.004093
0.001669	0.011499	0.001474	0.003046	0.000272
0.021200	0.003308	0.011641	0.005603	0.002369
0.003382	0.006211	0.012514	0.008491	0.004069
0.000800	0.000991	0.000300	0.045703	0.001276
0.000221	0.003914	0.007835	0.000277	0.021026
0.001557	0.008624	0.002074	0.025146	0.005700
0.000155	0.010106	0.005955	0.001511	0.001016
0.001249	0.000561	0.001978	0.000821	0.022100
0.021876	0.004109	0.000419	0.014890	0.010466

0.002094	0.016130	0.000624	0.007714	0.000251
0.002386	0.002344	0.006996	0.017574	0.001107
0.006384	0.003266	0.000949	0.000822	0.006496
0.003015	0.000122	0.001071	0.000695	0.002115
0.009103	0.046152	0.032061	0.007125	0.004945
0.003513	0.000536	0.004539	0.001440	0.000347
0.001300	0.000613	0.005654	0.001164	0.008383
0.000424	0.015749	0.001702	0.001210	0.001094
0.002284	0.005030	0.001258	0.012665	0.005775
0.000977	0.027325	0.000734	0.004804	0.000441
0.001862	0.001462	0.002899	0.006763	0.009917
0.000489	0.037911	0.002477	0.003845	0.000641
0.018047	0.011938	0.003617	0.008758	0.000595
0.000512	0.002657	0.001500	0.001880	0.003642
0.000607	0.000889	0.000515	0.001817	0.002700
0.000127	0.008870	0.009708	0.001751	0.006747
0.000912	0.011642	0.024583	0.015300	0.001514
0.000067	0.002639	0.001696	0.000932	0.000846
0.002162	0.002173	0.007230	0.002839	0.000357
0.000767	0.000637	0.004304	0.002826	0.000922
0.001350	0.009665	0.052101	0.195344	0.001154
0.001557	0.002572	0.003204	0.032892	0.000407
0.001607	0.007986	0.013870	0.000793	0.002235
0.002000	0.001918	0.004033	0.006125	0.007505
0.000158	0.008550	0.001621	0.023266	0.000560
0.012564	0.005434	0.001207	0.004670	0.000239
0.000876	0.001150	0.016761	0.001139	0.003579
0.014722	0.002045	0.001315	0.019348	0.001191
0.006453	0.000589	0.000461	0.005127	0.005956
0.000483	0.001393	0.001566	0.004973	0.000581
0.004645	0.002745	0.013036	0.002724	0.000214
0.003472	0.001099	0.003171	0.000899	0.007650
0.002151	0.026181	0.003122	0.000221	0.002337
0.002318	0.003665	0.001239	0.000786	0.003770
0.004571	0.000430	0.042113	0.001915	0.002426
0.030584	0.000964	0.002855	0.007779	0.001680
0.000336	0.000806	0.003567	0.006671	0.006636
0.002026	0.001327	0.003035	0.001432	0.009290
0.003093	0.001966	0.001784	0.009013	0.008324
0.000651	0.004245	0.000248	0.000682	0.000387
0.000777	0.003965	0.000469	0.001234	0.028171
0.001505	0.003058	0.000982	0.005509	0.019811
0.002128	0.007358	0.000417	0.000574	0.030211
0.002606	0.003437	0.002503	0.003480	0.002106
0.000113	0.004379	0.011426	0.004701	0.002021
0.001059	0.013634	0.011014	0.079800	0.044305
0.000621	0.009473	0.003798	0.001295	0.002589
0.001770	0.005240	0.001409	0.013659	0.000396
0.000831	0.000260	0.006209	0.001184	0.001281
0.004450	0.001385	0.016062	0.000753	0.005335
0.000269	0.000208	0.000867	0.001994	0.002066
0.002439	0.001527	0.007574	0.014319	0.000375
0.013259	0.053181	0.000529	0.010085	0.000438
0.000690	0.000795	0.001635	0.001332	0.010976
0.000362	0.000662	0.008433	0.023750	0.003867
0.002971	0.060757	0.000494	0.006537	0.003392
0.003314	0.000150	0.003099	0.000092	0.011745

0.000904	0.007039	0.005471	0.004606	0.001994
0.003010	0.002876	0.003181	0.008691	0.001394
0.003896	0.001081	0.002294	0.001940	0.001532
0.012789	0.003530	0.001730	0.001423	0.000575
0.000465	0.010569	0.002615	0.018958	0.003322
0.001380	0.002539	0.093766	0.010175	0.006593
0.021896	0.003242	0.002774		0.003430
0.000937	0.000700	0.000288		0.000806
0.012016	0.005402	0.004169	ORANGES-PDP	0.001449
0.004198	0.015376	0.005879	TOTALZ=6044	0.003798
0.028901	0.002187	0.002924	TOTALLOD=60	0.000621
0.002775	0.006280	0.022438	95	0.007667
0.000085	0.000306	0.014129	LODRS=.0021	0.000314
0.001824	0.000656	0.000171	0.003278	0.000483
0.009136	0.004472	0.005284	0.003162	0.000844
0.007405	0.018482	0.001122	0.003503	0.000591
0.001593	0.001482	0.001001	0.032604	0.002998
0.000313	0.007913	0.018715	0.001866	0.000630
0.001952	0.000049	0.000144	0.001709	0.002127
0.000555	0.001453	0.000232	0.007153	0.007893
0.002272	0.007871	0.004331	0.000443	0.001040
0.001870	0.005359	0.001367	0.001482	0.001792
0.002669	0.006065	0.011375	0.016167	0.010554
0.000339	0.012232	0.001667	0.006955	0.008828
0.001806	0.005163	0.002690	0.004811	0.000659
0.000566	0.006019	0.007067	0.002841	0.005317
0.007311	0.003680	0.000374	0.001047	0.073138
0.002210	0.006874	0.001846	0.010260	0.000132
0.005772	0.001013	0.034728	0.015977	0.012197
0.005213	0.000856	0.025772	0.009737	0.018177
0.002942	0.000182	0.014967	0.002311	0.004994
0.010844	0.005576	0.000710	0.015728	0.000345
0.009314	0.003147	0.000839	0.003700	0.010762
0.001227	0.002411	0.001248	0.002714	0.014082
0.000194	0.000741	0.001344	0.000063	0.006109
0.000729	0.000453	0.010642	0.034643	0.001263
0.002069	0.008026	0.000954	0.008163	0.001390
0.017565	0.006234	0.002547	0.001610	0.002552
0.003921	0.002471	0.004492	0.003140	0.000530
0.004220	0.006890	0.001030	0.017682	0.003860
0.001037	0.010007	0.001477	0.005488	0.003193
0.000523	0.010312	0.001051	0.000094	0.006770
0.004289	0.016554	0.000760	0.000460	0.000694
0.0000813	0.002805	0.002216	0.000214	0.002495
0.005840	0.017255	0.003358	0.001813	0.019241
0.001572	0.004745	0.002401	0.004316	0.003348
0.001175	0.008654	0.001042	0.000391	0.002284
0.005079	0.001720	0.001536	0.003456	0.000930
0.003831	0.000717	0.020664	0.003574	0.000855
0.000331	0.003750	0.001651	0.013732	0.001897
0.000502	0.011149	0.003703	0.006364	0.001678
0.000298	0.020467	0.004884	0.006877	0.000875
0.008101	0.013320	0.004796	0.004950	0.000737
0.000322	0.001892	0.001984	0.008246	0.001518
0.002520	0.014554	0.003424	0.001843	0.001809
0.001744	0.000402	0.001793	0.001283	0.005691
0.006001	0.000993	0.035536	0.019799	0.008675

0.001193	0.004940	0.022168	0.001889	0.002248
0.000882	0.002241	0.005392	0.009897	0.010198
0.008924	0.000171	0.000610	0.001159	0.023098
0.011309	0.000783	0.004264	0.002456	0.002673
0.009496	0.000137	0.014533	0.001175	0.001081
0.008528	0.001233	0.115470	0.000750	0.001904
0.003204	0.000543	0.008038	0.003079	0.028165
0.003528	0.000720	0.000899	0.001368	0.016786
0.002539	0.004532	0.010427	0.002651	0.001062
0.012261	0.000434	0.002942	0.000944	0.000508
0.001585	0.014278	0.004578	0.003619	0.000774
0.010861	0.003230	0.001747	0.006136	0.002014
0.005735	0.002640	0.001187	0.000189	0.005339
0.004143	0.009255	0.013495	0.001221	0.001622
0.016531	0.029266	0.004740	0.000961	0.000161
0.000377	0.000672	0.013283	0.003775	0.000648
0.013003	0.005555	0.000810	0.001210	0.007619
0.000570	0.002195	0.000308	0.003977	0.005254
0.014024	0.001833	0.002266	0.006583	0.000788
0.018716	0.055013	0.002796	0.001687	0.002558
0.000834	0.007227	0.009583	0.002181	0.008934
0.000635	0.001169	0.006910	0.002208	0.005432
0.004904	0.005050	0.002374	0.002111	0.004274
0.003586	0.006528	0.001769	0.003262	0.000178
0.017243	0.000471	0.001917	0.006477	0.019613
0.005275	0.001718	0.000076	0.006006	0.003387
0.002327	0.001057	0.006681	0.001353	0.002867
0.000294	0.004660	0.001648	0.022874	0.002575
0.005540	0.005651	0.000388	0.003877	0.001950
0.002727	0.002049	0.027170	0.001669	0.011499
0.000645	0.001408	0.004018	0.021200	0.003308
0.039564	0.009336	0.008308	0.003382	0.006211
0.002693	0.000524	0.015574	0.000800	0.000991
0.000740	0.007071	0.004451	0.000221	0.003914
0.020895	0.042175	0.002977	0.001557	0.008624
0.001429	0.001540	0.000253	0.000155	0.010106
0.018443	0.002156	0.001330	0.001249	0.000561
0.026177	0.001030	0.007266	0.021876	0.004109
0.006254	0.011135	0.000998	0.000707	0.008402
0.004069	0.002781	0.002744	0.001133	0.000536
0.004645	0.012826	0.001206	0.002096	0.000243
0.003732	0.003429	0.062820	0.000926	0.001961
0.000691	0.000195	0.003654	0.005840	0.007775
0.001273	0.006311	0.002298	0.000607	0.000449
0.004046	0.010027	0.001550	0.000758	0.001108
0.006754	0.002902	0.037244	0.006025	0.000401
0.002960	0.001124	0.004228	0.000018	0.000120
0.174145	0.017417	0.002481	0.000353	0.000918
0.007547	0.000836	0.002029	0.002830	0.000964
0.001103	0.025657	0.003817	0.007448	0.000583
0.002427	0.031567	0.001143	0.003711	0.002118
0.001095	0.007016	0.007973	0.001013	0.002419
0.000206	0.000429	0.010987	0.000489	0.000937
0.000280	0.000597	0.005169	0.000232	0.001292
0.001774	0.000499	0.001245	0.000318	0.001728
0.000404	0.001633	0.003066	0.000973	0.001346
0.035519	0.004174	0.001935	0.002057	0.005784

0.002608	0.001118	0.040101	0.000767	0.000637
0.011792	0.004331	0.003276	0.001350	0.009665
0.001302	0.000517	0.006369	0.001557	0.002572
0.000984	0.002166	0.004131	0.001607	0.007986
0.002001	0.010682	0.005000	0.002000	0.001918
0.000886	0.000902	0.004024	0.000158	0.008550
0.000668	0.005129	0.000547	0.012564	0.005434
0.004189	0.060309	0.004409	0.000876	0.001150
0.004469	0.003021	0.024996	0.014722	0.002045
0.001069	0.002357	0.003376	0.006453	0.000589
0.003127	0.002400	0.008228	0.000483	0.001393
0.001570	0.004706	0.005606	0.004645	0.002745
0.003102	0.007334	0.001124	0.003472	0.001099
0.004404	0.030514	0.000669	0.002151	0.026181
0.020224	0.000329	0.118992	0.002318	0.003665
0.009122	0.002453	0.001650	0.004571	0.000430
0.033620	0.001592	0.062522	0.030584	0.000964
0.052169	0.015112	0.003988	0.000336	0.000806
0.012103	0.011892	0.009569	0.002026	0.001327
0.004368	0.009065	0.002254	0.003093	0.001966
0.003480	0.003648	0.012265	0.000651	0.004245
0.001018	0.000337	0.000879	0.000777	0.003965
0.000555	0.012642	0.001590	0.001505	0.003058
0.001758	0.001435	0.004862	0.002128	0.007358
0.000417	0.023623	0.002966	0.002606	0.003437
0.005205	0.013200	0.000284	0.000113	0.004379
0.000261	0.002878	0.000184	0.001059	0.013634
0.000862	0.001459	0.003299	0.000621	0.009473
0.009640	0.004773	0.004093	0.001770	0.005240
0.001474	0.003046	0.000272	0.000831	0.000260
0.011641	0.005603	0.002369	0.004450	0.001385
0.012514	0.008491	0.004069	0.000269	0.000208
0.000300	0.045703	0.001276	0.002439	0.001527
0.007835	0.000277	0.021026	0.013259	0.053181
0.002074	0.025146	0.005700	0.000690	0.000795
0.005955	0.001511	0.001016	0.000362	0.000662
0.001978	0.000821	0.022100	0.002971	0.060757
0.000419	0.014890	0.010466	0.003314	0.000150
0.001378	0.002922	0.002094	0.016130	0.000624
0.015246	0.003968	0.002386	0.002344	0.006996
0.000468	0.002764	0.006384	0.003266	0.000949
0.001317	0.000352	0.003015	0.000122	0.001071
0.003922	0.000766	0.009103	0.046152	0.032061
0.088345	0.002613	0.003513	0.000536	0.004539
0.000372	0.001421	0.001300	0.000613	0.005654
0.002512	0.002223	0.000424	0.015749	0.001702
0.001162	0.024550	0.002284	0.005030	0.001258
0.001491	0.001860	0.000977	0.027325	0.000734
0.000678	0.004521	0.001862	0.001462	0.002899
0.005064	0.045595	0.000489	0.037911	0.002477
0.000365	0.007503	0.018047	0.011938	0.003617
0.004610	0.005902	0.000512	0.002657	0.001500
0.001323	0.006391	0.000607	0.000889	0.000515
0.000239	0.000712	0.000127	0.008870	0.009708
0.002347	0.004860	0.000912	0.011642	0.024583
0.000107	0.000729	0.000067	0.002639	0.001696
0.000271	0.000497	0.002162	0.002173	0.007230

0.004304	0.002826	0.000922	0.000555	0.001453
0.052101	0.195344	0.001154	0.002272	0.007871
0.003204	0.032892	0.000407	0.001870	0.005359
0.013870	0.000793	0.002235	0.002669	0.006065
0.004033	0.006125	0.007505	0.000339	0.012232
0.001621	0.023266	0.000560	0.001806	0.005163
0.001207	0.004670	0.000239	0.000566	0.006019
0.016761	0.001139	0.003579	0.007311	0.003680
0.001315	0.019348	0.001191	0.002210	0.006874
0.000461	0.005127	0.005956	0.005772	0.001013
0.001566	0.004973	0.000581	0.005213	0.000856
0.013036	0.002724	0.000214	0.002942	0.000182
0.003171	0.000899	0.007650	0.010844	0.005576
0.003122	0.000221	0.002337	0.009314	0.003147
0.001239	0.000786	0.003770	0.001227	0.002411
0.042113	0.001915	0.002426	0.000194	0.000741
0.002855	0.007779	0.001680	0.000729	0.000453
0.003567	0.006671	0.006636	0.002069	0.008026
0.003035	0.001432	0.009290	0.017565	0.006234
0.001784	0.009013	0.008324	0.003921	0.002471
0.000248	0.000682	0.000387	0.004220	0.006890
0.000469	0.001234	0.028171	0.001037	0.010007
0.000982	0.005509	0.019811	0.000523	0.010312
0.000417	0.000574	0.030211	0.004289	0.016554
0.002503	0.003480	0.002106	0.000813	0.002805
0.011426	0.004701	0.002021	0.005840	0.017255
0.011014	0.079800	0.044305	0.001572	0.004745
0.003798	0.001295	0.002589	0.001175	0.008654
0.001409	0.013659	0.000396	0.005079	0.001720
0.006209	0.001184	0.001281	0.003831	0.000717
0.016062	0.000753	0.005335	0.000331	0.003750
0.000867	0.001994	0.002066	0.000502	0.011149
0.007574	0.014319	0.000375	0.000298	0.020467
0.000529	0.010085	0.000438	0.008101	0.013320
0.001635	0.001332	0.010976	0.000322	0.001892
0.008433	0.023750	0.003867	0.002520	0.014554
0.000494	0.006537	0.003392	0.001744	0.000402
0.003099	0.000092	0.011745	0.006001	0.000993
0.007714	0.000251	0.000904	0.007039	0.005471
0.017574	0.001107	0.003010	0.002876	0.003181
0.000822	0.006496	0.003896	0.001081	0.002294
0.000695	0.002115	0.012789	0.003530	0.001730
0.007125	0.004945	0.000465	0.010569	0.002615
0.001440	0.000347	0.001380	0.002539	0.093766
0.001164	0.008383	0.021896	0.003242	0.002774
0.001210	0.001094	0.000937	0.000700	0.000288
0.012665	0.005775	0.012016	0.005402	0.004169
0.004804	0.000441	0.004198	0.015376	0.005879
0.006763	0.009917	0.028901	0.002187	0.002924
0.003845	0.000641	0.002775	0.006280	0.022438
0.008758	0.000595	0.000085	0.000306	0.014129
0.001880	0.003642	0.001824	0.000656	0.000171
0.001817	0.002700	0.009136	0.004472	0.005284
0.001751	0.006747	0.007405	0.018482	0.001122
0.015300	0.001514	0.001593	0.001482	0.001001
0.000932	0.000846	0.000313	0.007913	0.018715
0.002839	0.000357	0.001952	0.000049	0.000144

0.000232	0.041	0.006497	0.001208	0.001924
0.004331	0.0005	0.007164	0.000531	0.000704
0.001367	0.0005	0.004731	0.000427	0.000086
0.011375	0.043	0.009008	0.001064	0.000126
0.001667		0.001359	0.001328	0.001295
0.002690		0.000861	0.005641	0.000200
0.007067		0.027216	0.009604	0.056910
0.000374	SUNFLOWER-C	0.001501	0.000785	0.004718
0.001846	HLORPYRIFOS	0.000955	0.000536	0.001740
0.034728	TOTALZ=99	0.001076	0.009954	0.000068
0.025772		0.000312	0.013422	0.000461
0.014967		0.002860	0.010765	0.000051
0.000710	.046	0.006793	0.009399	0.000819
0.000839		0.002977	0.002732	0.000290
0.001248		0.000479	0.003085	0.000415
0.001344	SWEETPOT2000	0.001004	0.002037	0.004232
0.010642	NB	0.003386	0.014863	0.000219
0.000954	TOTALZ=7548	0.000344	0.001123	0.018015
0.002547	TOTALLOD=770	0.008219	0.012755	0.002760
0.004492	LODRES=.0029	0.000146	0.005697	0.002140
0.001030	0.002812	0.000251	0.003779	0.010422
0.001477	0.002686	0.000507	0.021673	0.044570
0.001051	0.003057	0.000323	0.000184	0.000381
0.000760	0.051080	0.002512	0.016009	0.005471
0.002216	0.001381	0.000351	0.000309	0.001695
0.003358	0.001236	0.001629	0.017611	0.001350
0.002401	0.007529	0.008525	0.025351	0.098860
0.001042	0.000225	0.000660	0.000500	0.007628
0.001536	0.001033	0.001312	0.000354	0.000765
0.020664	0.021073	0.012302	0.004675	0.004851
0.001651	0.007266	0.009819	0.003149	0.006708
0.003703	0.004563	0.000371	0.022858	0.000243
0.004884	0.002348	0.005178	0.005125	0.001244
0.004796	0.000666	0.141620	0.001825	0.000674
0.001984	0.011871	0.000049	0.000134	0.004384
0.003424	0.020761	0.014765	0.005454	0.005591
0.001793	0.011112	0.024433	0.002229	0.001554
0.035536	0.001809	0.004784	0.000361	0.000968
0.004606	0.020353	0.000164	0.065210	0.010538
0.008691	0.003276	0.012608	0.002194	0.000278
0.001940	0.002215	0.017703	0.000430	0.007419
0.001423	0.000019	0.006169	0.029130	0.070687
0.018958	0.055144	0.000844	0.000986	0.001084
0.010175	0.008895	0.000952	0.024885	0.001656
	0.001146	0.002050	0.038716	0.000653
	0.002663	0.000282	0.006354	0.013162
STRAWBERRY	0.023596	0.003456	0.003694	0.002285
- FDA	0.005389	0.002720	0.004365	0.015733
TOTALZ=636	0.000032	0.007023	0.003312	0.002977
TOTALLOD=79	0.000236	0.000396	0.000394	0.000080
LODRES=.00015	0.000090	0.001992	0.000852	0.006427
doc co-mingled;	0.001332	0.026252	0.003668	0.011532
w/%CT	0.003979	0.002888	0.007003	0.002411
0.03	0.000192	0.001782	0.002472	0.000728
0.03	0.003006	0.000573	0.423332	0.023149
0.0005	0.003136	0.000516	0.008056	0.000501
0.0005	0.017150	0.001410	0.000711	0.037747

0.049038	0.000744	0.003289	0.001620	0.000176
0.007348	0.008634	0.000638	0.001916	0.004324
0.000216	0.012941	0.000255	0.000579	0.000895
0.000327	0.004997	0.000099	0.000868	0.000103
0.000262	0.000829	0.000148	0.001253	0.001845
0.001167	0.002585	0.000607	0.000914	0.000037
0.003815	0.001445	0.001561	0.005758	0.000121
0.031389	0.001402	0.001747	0.002107	0.000724
0.005270	0.011342	0.011780	0.014149	0.003997
0.000337	0.000757	0.033060	0.000876	0.000273
0.003919	0.001953	0.002173	0.000616	0.001667
0.018421	0.000770	0.000693	0.001508	0.012490
0.252030	0.000437	0.001417	0.000539	0.000552
0.008723	0.002598	0.042464	0.000378	0.004948
0.000549	0.000933	0.022096	0.003832	0.111020
0.012114	0.002151	0.000678	0.004158	0.002537
0.002453	0.000584	0.000267	0.000683	0.001854
0.004287	0.003186	0.000455	0.002649	0.001897
0.001270	0.006204	0.001520	0.001110	0.004438
0.000780	0.000077	0.005205	0.002623	0.007770
0.016777	0.000808	0.001157	0.004082	0.046982
0.004479	0.000597	0.000063	0.027954	0.000155
0.016445	0.003360	0.000364	0.010233	0.001950
0.000482	0.000800	0.008154	0.053098	0.001130
0.000142	0.003589	0.005100	0.092453	0.019353
0.001764	0.006780	0.000465	0.014622	0.014302
0.002300	0.001216	0.002056	0.004039	0.010153
0.010891	0.001682	0.009968	0.003032	0.003218
0.007207	0.001708	0.005320	0.000643	0.000159
0.001872	0.001614	0.003930	0.000299	0.015449
0.001290	0.002794	0.000071	0.001281	0.000991
0.001429	0.006642	0.026892	0.000208	0.034010
0.000024	0.006038	0.002931	0.005041	0.016314
0.006907	0.000921	0.002375	0.000115	0.002386
0.001180	0.032656	0.002073	0.000521	0.001012
0.000190	0.003476	0.001460	0.010972	0.004518
0.040579	0.001200	0.013708	0.001025	0.002563
0.003636	0.029668	0.002844	0.013922	0.005532
0.009095	0.002925	0.006299	0.015252	0.009348
0.020102	0.000474	0.000621	0.000137	0.078232
0.004137	0.000093	0.003517	0.008446	0.000124
0.002490	0.001099	0.009533	0.001578	0.036802
0.000111	0.000060	0.011647	0.005974	0.001058
0.000901	0.000832	0.000303	0.001486	0.000490
0.007680	0.030867	0.003739	0.000209	0.018994
0.000627	0.000405	0.009225	0.000941	0.002432
0.002247	0.000735	0.000286	0.019569	0.003579
0.000796	0.001599	0.000106	0.000241	0.002267
0.116884	0.000570	0.001470	0.000890	0.000168
0.003225	0.005829	0.008364	0.003526	0.000449
0.001796	0.000335	0.000229	0.179753	0.002112
0.001092	0.000443	0.000715	0.000180	0.000979
0.060420	0.006062	0.000198	0.002010	0.001722
0.003877	0.000004	0.000043	0.001193	0.035705
0.001978	0.000169	0.000564	0.001041	0.001375
0.001534	0.002336	0.000600	0.000385	0.004219
0.003408	0.007922	0.000318	0.004869	0.077998

0.007997	0.024212	0.014371	0.003184	0.009720
0.005907	0.000270	0.002157	0.001048	0.001394
0.006531	0.000335	0.000541	0.000272	0.001335
0.000409	0.000046	0.009877	0.011070	0.001274
0.004622	0.000559	0.013923	0.035765	0.019656
0.000421	0.000021	0.002138	0.001224	0.000575
0.000260	0.001663	0.001673	0.007631	0.002345
0.066329	0.000449	0.000356	0.003966	0.002332
0.002809	0.000918	0.011008	0.092299	0.489389
0.006502	0.001098	0.002070	0.002732	0.051650
0.003765	0.001144	0.008652	0.017366	0.000469
0.004791	0.001507	0.001429	0.003652	0.006190
0.003643	0.000061	0.009430	0.001156	0.033364
0.000293	0.015330	0.005322	0.000796	0.004395
0.004088	0.000531	0.000750	0.022055	0.000741
0.036525	0.018724	0.001550	0.000887	0.026435
0.002918	0.006611	0.000322	0.000237	0.004945
0.008984	0.000251	0.000955	0.001106	0.004759
0.005536	0.004366	0.002248	0.016059	0.002226
0.000728	0.003023	0.000708	0.002696	0.000549
0.000379	0.001652	0.038724	0.002644	0.000093
0.261771	0.001815	0.003237	0.000823	0.000463
0.001182	0.004279	0.000217	0.070557	0.001427
0.116186	0.047117	0.000600	0.002362	0.008370
0.003601	0.000159	0.000478	0.003128	0.006894
0.010871	0.001532	0.000898	0.002551	0.000988
0.001752	0.002613	0.001474	0.001305	0.010079
0.014870	0.000366	0.003897	0.000108	0.000388
0.000534	0.000457	0.003575	0.000242	0.000820
0.001128	0.001053	0.002576	0.000614	0.005415
0.004625	0.001630	0.007802	0.000208	0.000312
0.002478	0.002105	0.002985	0.002000	0.003032
0.000128	0.000040	0.004053	0.013597	0.004432
0.000074	0.000676	0.016995	0.012982	0.158091
0.002834	0.000344	0.010732	0.003387	0.000870
0.003722	0.001292	0.005083	0.000969	0.017034
0.000121	0.000497	0.000115	0.006297	0.000778
0.001866	0.004135	0.000948	0.020900	0.000439
0.003694	0.000120	0.000087	0.000525	0.001502
0.000855	0.001936	0.001072	0.008092	0.018079
0.029362	0.016407	0.094721	0.000281	0.011615
0.005652	0.000394	0.000470	0.001169	0.000903
0.000641	0.000174	0.000373	0.009268	0.034241
0.031267	0.002484	0.112061	0.000258	0.006719
0.012171	0.002851	0.000057	0.002620	0.000031
0.001597	0.021011	0.000347	0.008281	0.000110
0.001883	0.001841	0.007321	0.023414	0.000714
0.006522	0.002799	0.000588	0.000491	0.006667
0.002531	0.000044	0.000685	0.000397	0.001618
0.010206	0.079203	0.050008	0.007492	0.004725
0.003068	0.000286	0.004241	0.000995	0.000165
0.000875	0.000339	0.005596	0.000761	0.009199
0.000212	0.020387	0.001230	0.000799	0.000704
0.001783	0.004827	0.000840	0.015484	0.005747
0.000610	0.040871	0.000425	0.004556	0.000223
0.001377	0.001015	0.002407	0.007015	0.011372
0.000255	0.061789	0.001974	0.003439	0.000359

0.000326	0.000028	0.000141	0.017777	0.086
0.003212	0.001342	0.000369	0.000068	0.071
0.002201	0.010253	0.004161	0.005136	0.046
0.006993	0.007865	0.024951	0.000727	0.037
0.001060	0.001131	0.001032	0.000629	0.029
0.000509	0.000145	0.008552	0.025349	0.027
0.000171	0.001462	0.000014	0.000054	0.023
0.000567	0.000299	0.001007	0.000100	0.019
0.000753	0.001770	0.008494	0.003997	0.019
0.000202	0.001385	0.005229	0.000932	0.018
0.001734	0.002169	0.006113	0.013520	0.018
0.007999	0.000160	0.014820	0.001197	0.018
0.000302	0.001325	0.004989	0.002191	0.018
0.000103	0.000306	0.006055	0.007415	0.018
0.003142	0.007740	0.003254	0.000182	0.018
0.000784	0.001709	0.007160	0.001362	0.018
0.005976	0.005743	0.000639	0.055315	0.018
0.000316	0.005051	0.000517	0.037962	0.018
0.000090	0.002453	0.000073	0.019119	0.015
0.008194	0.012729	0.005497	0.000408	0.015
0.001835	0.010506	0.002671	0.000503	0.015
0.003354	0.000813	0.001908	0.000831	0.013
0.001923	0.000079	0.000430	0.000912	0.011
0.001209	0.000421	0.000231	0.012430	0.01
0.006848	0.001573	0.008707	0.000592	0.01
0.010472	0.023399	0.006329	0.002045	0.01
0.009117	0.003525	0.001968	0.004185	0.01
0.000189	0.003867	0.007181	0.000652	0.01
0.042476	0.000658	0.011502	0.001028	0.01
0.027236	0.000278	0.011946	0.000669	0.01
0.046394	0.003948	0.021712	0.000445	0.01
0.001608	0.000484	0.002310	0.001715	0.01
0.001528	0.005828	0.022879	0.002898	0.01
0.075223	0.001112	0.004484	0.001898	0.007
0.002087	0.000771	0.009575	0.000662	0.007
0.000195	0.004887	0.001246	0.001080	0.007
0.000859	0.003424	0.000413	0.028724	0.007
0.005200	0.000156	0.003332	0.001183	0.007
0.001570	0.000263	0.013182	0.003279	0.007
0.000182	0.000136	0.028380	0.004651	0.007
0.000222	0.008810	0.016503	0.004546	0.007
0.012926	0.000150	0.001405	0.001492	0.007
0.003464	0.002017	0.018455	0.002971	0.007
0.002935	0.001268	0.000199	0.001313	0.007
0.014078	0.006032	0.000623	0.056945	0.007
0.000553	0.007377	0.005368	0.004319	0.007
0.002524	0.002383	0.002707	0.009627	0.007
0.003497	0.000693	0.001792	0.001451	0.007
0.015677	0.003088	0.001255	0.000981	0.007
0.000239	0.012324	0.002114	0.025764	0.007
0.000943	0.002037	0.193783	0.011746	0.007
0.030904	0.002773	0.002277		0.007
0.000579	0.000401	0.000131		0.005
0.014490	0.005282	0.003809	SWEETPOT2000	0.005
0.003842	0.019781	0.005877	TOTALZ=974	0.005
0.043869	0.001687	0.002434	TOTALLOD=99	0.005
0.002279	0.006388	0.031873	LODRS=.0029	0.005

0.005	0.005	0.051981	0.003013	0.001381
0.005	0.005	0.017191	0.002526	0.004293
0.005	0.005	0.019219	0.00099	0.001366
0.005	0.005	0.011975	0.000773	0.000124
0.005	0.005	0.024952	0.002187	0.000192
0.005	0.005	0.00289	0.002814	0.002735
0.005	0.005	0.001717	0.014635	0.000326
0.005	0.005	0.087997	0.026843	0.204013
0.005	0.005	0.003237	0.001546	0.011938
0.005	0.005	0.001933	0.001	0.00383
0.005	0.005	0.002214	0.027959	9.47E-05
0.005	0.005	0.000541	0.039311	0.000843
0.005	0.005	0.006747	0.030571	6.89E-05
0.005	0.005	0.018087	0.026191	0.001621
0.005	0.005	0.007064	0.006405	0.000498
0.005		0.00088	0.007356	0.000747
0.005	TOMATO2000N	0.002045	0.004584	0.010547
0.005	B	0.00818	0.044159	0.000361
0.005	TOTALZ=7083	0.000604	0.002325	0.05498
0.005		0.022475	0.037093	0.00648
0.005		0.000227	0.014799	0.004848
0.005	0.006619	0.000421	0.009268	0.029464
0.005	0.006283	0.000939	0.067878	0.154407
0.005	0.007281	0.000562	0.000295	0.000677
0.005	0.180367	0.005821	0.048057	0.014134
0.005	0.002942	0.000617	0.000534	0.003716
0.005	0.002592	0.003552	0.053579	0.002867
0.005	0.020339	0.023433	0.081157	0.382862
0.005	0.000371	0.001269	0.000924	0.020643
0.005	0.002113	0.002776	0.000623	0.001501
0.005	0.06574	0.035593	0.011814	0.012323
0.005	0.019531	0.027528	0.00753	0.01783
0.005	0.011493	0.000659	0.072125	0.000406
0.005	0.005388	0.013273	0.01312	0.002613
0.005	0.001281	0.57675	0.004043	0.001299
0.005	0.034176	6.51E-05	0.000206	0.010979
0.005	0.064633	0.043826	0.014082	0.014488
0.005	0.031695	0.077815	0.005079	0.003365
0.005	0.004002	0.012129	0.000638	0.001962
0.005	0.063186	0.000259	0.238265	0.029837
0.005	0.007878	0.036605	0.004987	0.000473
0.005	0.005043	0.053897	0.000778	0.020001
0.005	2.22E-05	0.016206	0.095087	0.261205
0.005	0.196813	0.001678	0.002004	0.002233
0.005	0.024596	0.001925	0.079459	0.003621
0.005	0.002379	0.004615	0.13151	0.001252
0.005	0.00622	0.000482	0.016762	0.038444
0.005	0.074785	0.008371	0.009032	0.005225
0.005	0.013892	0.006372	0.010926	0.047117
0.005	4E-05	0.018789	0.007976	0.007061
0.005	0.000393	0.000709	0.000704	0.000114
0.005	0.00013	0.004469	0.001697	0.016982
0.005	0.002823	0.084453	0.008959	0.033065
0.005	0.009831	0.006821	0.018725	0.005553
0.005	0.000311	0.003935	0.005714	0.001418
0.005	0.007141	0.00108	2.009453	0.073174
0.005	0.007493	0.000957	0.021967	0.000927

0.127765	0.008238	0.021554	0.000551	0.012374
0.172168	0.001453	0.007913	0.00353	0.000281
0.019781	0.023775	0.001221	0.004275	0.010809
0.000355	0.037711	0.000429	0.001092	0.001794
0.00057	0.012746	0.000146	0.001734	0.000153
0.000441	0.001644	0.000231	0.002634	0.004093
0.002428	0.006012	0.001153	0.001838	4.82E-05
0.009371	0.003099	0.003384	0.014981	0.000183
0.103536	0.002993	0.003847	0.004762	0.001408
0.013542	0.032446	0.033879	0.041748	0.009882
0.000589	0.001483	0.109842	0.001752	0.000464
0.009662	0.004369	0.004933	0.001172	0.003647
0.056396	0.001513	0.001341	0.003252	0.036216
1.1126	0.000793	0.003029	0.001008	0.001034
0.024052	0.006047	0.146118	0.000672	0.012602
0.001029	0.001882	0.06939	0.009419	0.436991
0.034976	0.004875	0.001307	0.010337	0.005886
0.005664	0.001104	0.000453	0.00132	0.004118
0.010702	0.00763	0.000829	0.006183	0.004225
0.002676	0.016311	0.003283	0.002294	0.011134
0.001534	0.000109	0.013351	0.006113	0.021081
0.050694	0.001598	0.002406	0.01012	0.163967
0.011252	0.001132	8.66E-05	0.090725	0.000242
0.049553	0.008108	0.000643	0.028855	0.004361
0.000886	0.001578	0.022272	0.188509	0.002341
0.000221	0.00874	0.013047	0.354711	0.059658
0.00389	0.018047	0.000852	0.043342	0.042262
0.005264	0.002544	0.004633	0.010001	0.028598
0.030978	0.003683	0.028006	0.007212	0.007719
0.01935	0.003749	0.013689	0.00123	0.00025
0.004161	0.003515	0.009694	0.000514	0.046148
0.002724	0.006571	0.0001	0.0027	0.002016
0.003059	0.017631	0.086807	0.000341	0.113449
2.97E-05	0.015816	0.006938	0.012873	0.049104
0.018435	0.001853	0.005458	0.000174	0.005489
0.00246	0.108312	0.004677	0.000968	0.002065
0.000307	0.008426	0.003134	0.031243	0.011363
0.138745	0.002506	0.040267	0.002095	0.005954
0.00887	0.097092	0.006704	0.040985	0.014312
0.025226	0.006923	0.016597	0.045478	0.026029
0.062299	0.000869	0.001184	0.000212	0.293218
0.010278	0.000136	0.00854	0.023183	0.000189
0.005761	0.002268	0.026615	0.003426	0.124123
0.000166	8.21E-05	0.033441	0.015624	0.002171
0.001808	0.001652	0.000522	0.0032	0.000904
0.020803	0.101576	0.009159	0.000343	0.058398
0.001195	0.000728	0.025637	0.001901	0.005608
0.005124	0.001435	0.000489	0.060418	0.008711
0.00157	0.003477	0.000157	0.000402	0.005177
0.4634	0.001073	0.00316	0.001782	0.000267
0.007738	0.015191	0.022928	0.008566	0.000817
0.003971	0.000585	0.000379	0.756879	0.004776
0.002252	0.000805	0.001389	0.000289	0.001989
0.218417	0.015886	0.000322	0.004513	0.003785
0.009545	3.8E-06	5.69E-05	0.002491	0.119915
0.004433	0.000268	0.00106	0.002131	0.002929
0.003318	0.005357	0.001137	0.000686	0.010509

0.29222	0.000428	0.224068	0.004422	0.008326
0.021784	0.077015	0.042494	0.007625	0.027213
0.015425	0.000458	0.004892	0.002148	0.002974
0.017296	0.000585	0.001012	0.000462	0.002832
0.000735	6.15E-05	0.027715	0.031562	0.002685
0.011663	0.00105	0.040987	0.120143	0.060727
0.00076	2.46E-05	0.004844	0.002564	0.001083
0.000438	0.003636	0.003662	0.020652	0.00538
0.242931	0.000819	0.000627	0.009794	0.005347
0.006611	0.001846	0.031358	0.354039	2.370613
0.017208	0.002267	0.004668	0.006404	0.182662
0.00923	0.002373	0.02383	0.052731	0.000859
0.01215	0.00325	0.00306	0.008916	0.016269
0.00889	8.4E-05	0.026288	0.002403	0.110996
0.000503	0.045741	0.013695	0.001571	0.011012
0.010139	0.00099	0.001466	0.069243	0.001447
0.123061	0.057456	0.003357	0.001777	0.085127
0.006903	0.017535	0.00056	0.000394	0.012595
0.024876	0.000421	0.001932	0.002285	0.012056
0.014324	0.010927	0.005127	0.04823	0.005071
0.001419	0.007188	0.001373	0.006309	0.001028
0.000673	0.003609	0.13154	0.00617	0.000137
1.161748	0.004019	0.00777	0.001631	0.000848
0.002465	0.010679	0.000357	0.260657	0.003055
0.460245	0.164505	0.001138	0.005426	0.022948
0.008774	0.00025	0.000879	0.007473	0.018395
0.030913	0.003311	0.001802	0.005924	0.00201
0.00386	0.006088	0.00317	0.002758	0.028361
0.044182	0.000647	0.009601	0.000161	0.000692
0.000995	0.000833	0.008701	0.000403	0.001623
0.002336	0.002159	0.005989	0.001168	0.013967
0.011671	0.003554	0.021181	0.00034	0.000539
0.005731	0.004757	0.007085	0.004488	0.007211
0.000196	5.21E-05	0.010039	0.039897	0.011116
0.000105	0.001303	0.051447	0.037846	0.653817
0.006678	0.000604	0.030466	0.008181	0.001739
0.00911	0.002728	0.012996	0.001964	0.051581
0.000184	0.000919	0.000173	0.016589	0.001529
0.004147	0.010272	0.001916	0.065127	0.000797
0.009033	0.000181	0.000125	0.000976	0.003238
0.001703	0.004324	0.002205	0.022081	0.055206
0.095949	0.049422	0.364647	0.00048	0.033338
0.014669	0.000703	0.000862	0.002434	0.001812
0.001227	0.000278	0.000663	0.025773	0.114328
0.103079	0.005746	0.441666	0.000435	0.017864
0.035163	0.006722	7.84E-05	0.006105	3.87E-05
0.003473	0.065522	0.000609	0.02267	0.000164
0.004191	0.004085	0.0197	0.07413	0.001387
0.017267	0.006583	0.001112	0.000904	0.017704
0.005869	5.81E-05	0.001323	0.00071	0.003524
0.028768	0.297371	0.176057	0.020223	0.011957
0.00731	0.000489	0.010571	0.002026	0.000261
0.001749	0.000594	0.014501	0.001492	0.025555
0.000348	0.063307	0.002578	0.001578	0.001364
0.003936	0.012253	0.001669	0.046267	0.014949
0.00116	0.139885	0.000768	0.011471	0.000369
0.002933	0.002071	0.005544	0.018762	0.032544

0.000633	0.005208	0.016864	0.105358	TOTALZ=364
0.000568	3.47E-05	0.000218	0.054153	TOTALLOD=2
0.007702	0.002848	0.000654	9.45E-05	LODRES=.003
0.005006	0.028919	0.010345	0.013152	0.034
0.018696	0.021374	0.0797	0.001416	0.028
0.002177	0.002342	0.002112	0.001201	0.021
0.000942	0.000226	0.023517	0.08115	0.019
0.000273	0.00314	1.56E-05	7.36E-05	0.018
0.001067	0.000514	0.002052	0.000147	0.018
0.001474	0.003905	0.023336	0.009881	0.018
0.000328	0.002952	0.013422	0.00188	0.007
0.003814	0.004924	0.016038	0.03964	0.005
0.021792	0.000253	0.04401	0.002501	
0.000521	0.002806	0.012722	0.00498	
0.000153	0.000528	0.015864	0.019988	APPLESAUCE-C
0.007751	0.020988	0.007817	0.000291	HLORPYRIFOS-
0.001542	0.003752	0.019206	0.002897	zeroed
0.015628	0.014936	0.001222	0.197511	TOTALZ=154
0.000549	0.012902	0.000959	0.128593	TOTALLOD=45
0.00013	0.005665	0.000103	0.058839	LODRES=.001
0.022399	0.037005	0.014211	0.000733	.001
0.004068	0.029733	0.006241	0.000932	
0.008092	0.001609	0.004254	0.00165	
0.004293	0.000114	0.000779	0.001835	A p p l e
0.00253	0.000761	0.000383	0.036017	Juice-zeroed
0.018255	0.003414	0.024003	0.001121	TOTALZ=154
0.029626	0.074074	0.016685	0.004603	TOTALLOD=45
0.025295	0.008564	0.004408	0.010415	LODRES=.0004
0.000306	0.009517	0.01927	0.001252	.0004
0.146165	0.001264	0.032968	0.002102	
0.088074	0.000472	0.034422	0.001289	
0.16163	0.009743	0.068017	0.000808	
0.003501	0.000891	0.005288	0.003768	PEARS NB-C -
0.003301	0.01519	0.072202	0.006851	C A N N E D
0.280395	0.002298	0.011266	0.004228	ONLY-PDP
0.004712	0.001513	0.026749	0.001272	TOTALZ=545
0.000316	0.012426	0.002617	0.002223	TOTALLOD=150
0.001713	0.008283	0.000742	0.093578	LODRES=.003
0.013338	0.000244	0.008031	0.002466	d o c
0.003405	0.000445	0.038512	0.007886	CO-MINGLED
0.000293	0.00021	0.092299	0.011744	0.01
0.000365	0.024326	0.049753	0.011442	0.01
0.037659	0.000235	0.003	0.003213	0.01
0.008393	0.004532	0.056513	0.007047	0.01
0.00695	0.002669	0.000323	0.002777	0.01
0.041509	0.015796	0.001187	0.204156	0.005
0.001037	0.019871	0.013829	0.010795	0.005
0.005853	0.005481	0.006337	0.026914	0.005
0.008485	0.001341	0.003959	0.003112	0.01
0.046923	0.007363	0.002638	0.001993	0.005
0.000399	0.035666	0.004781	0.082668	0.01
0.001906	0.004584	0.824583	0.033765	0.01
0.101715	0.006514	0.005203		0.01
0.001092	0.000718	0.0002		
0.042895	0.013577	0.009354		
0.009446	0.061165	0.015336	Processedtomato-	
0.151642	0.003697	0.005614	cpy	

PEAR - SS - PDP
TOTALZ=123
TOTALLOD=34
LODRS=.0022
'used PDP single
serving data on
pears

0.006
0.007
0.01

domestic grapes
TOTALZ=929